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LIVERPOOL. NEW YORK. LONDON.

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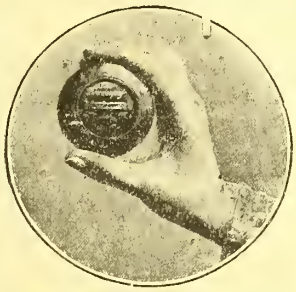

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"Boralia" Shampoo, 2-oz.	1/-	8/- "
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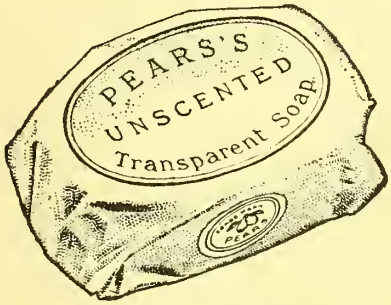

Next month will see the demand for Pears' Soap greater than it is to-day. And so it goes on.

Pears

A. & F. Pears, Ltd., 71-75 New Oxford St., London, W.C.1.

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BARIUM CARBONATE
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FLUORIC ACID 70/75%
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The "Busy" Pharmacists Window

THEY COST
28 lb., 1/11 lb.; 56 lb., 1/10 lb.
1 cwt., 1/9 lb.
COMPLETE SHOW AND
200 CARTONS FREE with 56 lb.

DISPLAY SULPHUR TABLETS NOW!

SULPHUR TABLETS are having a good run, and if you have not made your display yet you are missing some good business; the above prices are for the tablets we recommend. Round shape, containing Sulphur and Cream of Tartar perfectly blended and flavoured with Terpeneless Oil of Orange.

We can meet all competition for cheaper qualities. Prices for our "C" quality are:—

7-lbs.	14-lbs.	28-lbs.	56-lbs.	112-lbs.
1/7	1/6	1/5	1/4	1/3 per lb.

We can supply a cheaper tablet at 2d. per lb less, but the above is the quality we recommend.

MOORLAND PHARMACY SERVICE

W·B·CARTWRIGHT·LTD.

RAWDON MOORLAND BRAND Nr. LEEDS

A COPY OF THIS PROSPECTUS HAS BEEN FILED WITH THE REGISTRAR OF JOINT STOCK COMPANIES.

Application is being made to the Committee of the Stock Exchange for special permission to deal in the First Mortgage Debenture Stock now offered for subscription.

The Subscription List will close on or before Thursday, the 24th March, 1921.

LEVER BROTHERS LIMITED,

Port Sunlight, Cheshire.

(Incorporated under the Companies Acts, 1862 to 1890.)

CAPITAL

Authorised. £	Issued and Fully Paid. £	s.	d.
40,000,000 in 40,000,000 7% Cumulative Preference Shares of £1 each	23,555,193	0	0
40,000,000 in 40,000,000 8% Cumulative A Preference Shares of £1 each	15,466,386	0	0
10,000,000 in 40,000,000 20% Cumulative Preferred Ordinary Shares of 5s. each	1,500,000	0	0
10,000,000 in 10,000,000 20% Cumulative A Preferred Ordinary Shares of £1 each	3,000,000	0	0
10,000,000 in 10,000,000 20% Cumulative B Preferred Ordinary Shares of £1 each	262,000	0	0
10,000,000 in 40,000,000 5% Cumulative Preferred Ordinary Shares of 5s. each	902,920	0	0
10,000,000 in 1,000,000 Ordinary Shares of £10 each	2,280,000	0	0
£130,000,000	£46,966,499	0	0

Of the issued Preference and Preferred Ordinary Share Capital of the Company, £8,889,788 par value in all is owned by certain of its Associated Companies.

The respective shares rank for priority as regards both Capital and Dividend in the order of the Authorised Capital set out above.

A member is entitled to one vote for every share of £10, one vote for every 10 shares of £1, and one vote for every 40 shares of 5s.

CO-PARTNERSHIP CERTIFICATES.

After payment of all Preference and Preferred Ordinary dividends and 5% on the Ordinary shares in respect of any year further amounts available for dividend and proposed to be distributed by way of dividend for any period are subject to the terms of a Co-Partnership Trust Deed made in 1909 and Supplemental Deeds thereto under which employees of the Company and its Associated Companies participate on Co-Partnership Certificates held. The terms of the Deeds do not affect the rights of the Preference and Preferred Ordinary Shareholders.

Issue of £4,000,000 7% First Mortgage Debenture Stock, 1931/1941, at 92½%

(part of an authorised issue of £15,000,000 First Mortgage Debenture Stock).

LONDON COUNTY WESTMINSTER & PARR'S BANK, LIMITED, 41 Lothbury, London, E.C. 2, and Branches;
MANCHESTER & LIVERPOOL DISTRICT BANKING COMPANY, LIMITED, Liverpool, Manchester, London, and Branches; and
BARCLAYS BANK LIMITED, 54 Lombard Street, London, E.C. 3, and Branches,
are authorised to receive as Bankers for the Company applications for the above-mentioned Debenture Stock, which is payable as follows:—

5 per cent. on application.
17½ per cent. on the 4th April, 1921.
35 per cent. on the 12th May, 1921.
35 per cent. on the 10th June, 1921.

92½ per cent.

Applications must be made in multiples of £5, and the Stock will be transferable in multiples of £1.

Applications from Shareholders and customers of the Company will receive special consideration.

Payment may be made in full on 4th April, 1921, or on any of the subsequent instalment dates under discount at the rate of £6 per cent. per annum.

Interest on the Stock is payable half-yearly, on the 1st April and 1st October. The first payment of £2 10s. per £100 of Stock (and so in proportion for a less amount), being interest on the instalments, will be made on 1st October, 1921.

Scrip Certificates to bearer will be issued, if desired, after payment of the amount due on allotment, pending the issue of definitive Certificates.

During the year ending 30th September, 1925, and during each succeeding year ending on the 30th September, a sum equal to 2 per cent. of the Stock at any time issued (including Stock previously cancelled, but exclusive of Stock issued, by way of security only, for temporary loans or overdrafts or for other obligations) will be applied in redemption of the Stock by drawings at par or by tender or purchase in the market under par. Any necessary drawings will be made before the end of August, and the Stock drawn for redemption will be paid off at par on the 1st October. The Company has the option of redeeming at par the whole or any part of the Stock outstanding at any time after the 1st October, 1931, on giving three months' notice of its intention so to do. Any Stock not previously redeemed will be redeemed at par on the 1st October, 1941.

The authorised Stock will be secured by a Trust Deed creating a specific first mortgage on the principal freehold and leasehold lands and buildings of the Company, together with the fixed plant in connection therewith and in addition a floating charge on the Company's other property and assets. Such floating charge will not prevent the Company (until the security becomes enforceable) from selling, alienating, mortgaging, charging, paying dividends out of profits, or otherwise disposing of or dealing with its assets (other than those specifically mortgaged to the Trustees for the Holders of the Debenture Stock) in the ordinary course of its business and for the purpose of carrying on the same; nor is the floating charge to preclude the Company from completing (with or without modification) any of its subsisting contracts or arrangements, including any contracts or arrangements for the unification of its West African interests by transfer to the Niger Company, Ltd., or otherwise. The lands and buildings alone (apart from the fixed plant) to be specifically mortgaged stand in the books of the Company at about £3,500,000, but the Directors regard the actual value as considerably in excess of that figure.

PROSPECTUS

The present Company of Lever Brothers Limited was formed in 1894 to acquire the business of Soap and Glycerine Manufacturers carried on at Port Sunlight and elsewhere prior to the 17th May, 1890, by the firm of Lever Brothers and subsequently by Lever Brothers Limited (incorporated in 1890), the Vendors to the present Company.

In addition to its business at Port Sunlight the Company holds interests in over 130 Associated Companies with numerous branches or selling agencies throughout the world.

The Company owns over 500 acres of freehold land at Port Sunlight, upon which are erected its up-to-date and well-equipped

Works and Offices, and the Model Village, comprising over 1,000 Cottages, and various Recreation Halls, Library, Museum, Hospital and other Institutions which have been erected from time to time for its workpeople. The Company also owns freehold and leasehold properties in London, Manchester, Newcastle, Bromborough, and other places. The Machinery and Plant owned by the Company are modern and up to date.

The property and assets of the Company stood in the Company's books at 31st December, 1920, as follows:—

Cash at Bankers and in hand	£55,760 6 5
Debentures and Shares of and Loans to, *less* deposits by, Associated Companies, and investments	44,988,733 13 9
Debtors and Debit Balances	2,541,265 8 11
Stock, *less* Advertising Reserve	5,355,295 1 7
Freehold Works, Premises and Plant, and Patents	4,488,994 1 6
Leasehold Premises and Plant	1,502,347 13 4
	58,932,396 5 6
Less Liabilities (secured and unsecured) ...	8,197,625 9 6
Net Assets as at 31st December, 1920	£50,734,770 16 0

There are liabilities for uncalled capital and also upon Guarantees, Bills, and Agreements on account of Associated Companies, and on bills discounted. No loss is anticipated upon any of these accounts which has not been provided for.

The present issue is being made for the purpose of funding part of the present indebtedness of the Company.

The following figures have been extracted from the Company's Balance Sheets for 1913 to 1919 and the Provisional Balance Sheet for 1920 (which is still subject to audit):—

Year ending	Paid-up Capital:	Dividends to Shareholders and Co-Partners:
31st December, 1913	£11,713,424 0 0	£839,891 0 0
,, 1914	13,247,598 0 0	970,773 0 0
,, 1915	14,001,838 5 0	1,092,823 0 0
,, 1916	14,023,518 5 0	1,141,175 0 0
,, 1917	15,202,799 0 0	1,325,530 0 0
,, 1918	17,065,340 10 0	1,547,635 0 0
,, 1919	25,707,312 5 0	1,935,030 0 0
,, 1920	46,769,079 5 0	3,244,283 0 0

The Company will pay a brokerage of 10*s*. per cent. upon all Stock allotted on applications bearing a Broker's stamp.

Application will be made for an official quotation for the Stock on the London Stock Exchange and also at the Liverpool, Manchester, Birmingham, Bristol, Leeds, Glasgow, Dublin, and Belfast Stock Exchanges.

Arrangements have been made with Messrs. R. Nivison & Co. to underwrite the whole of the Stock now offered for subscription in consideration of a commission of 3 per cent.

The following further information is given pursuant to Section 81 of the Companies (Consolidation) Act, 1908:—

On the 1st July, 1920, 517,506 7% Cumulative Preference Shares of £1 each and 3,410,089 8% Cumulative A Preference Shares of £1 each were allotted to the holders of certain of the then existing Preference and Preferred Ordinary Shares as part of a scheme for the reorganisation of the capital of the Company, such Shares being credited as fully paid up by the application of a corresponding amount of capitalised reserves.

Within the two preceding years the Company has paid underwriting commissions of 2½% on various issues of shares of a total nominal amount of £10,000,000.

The dates and names of the parties to the following contracts which have been entered into within the past two years are here set forth as being probably within the purview of Section 81 (*k*) of the Companies (Consolidation) Act, 1908:—

—25th April, 1919: Lever Brothers Limited and R. Nivison & Co. and Foster & Braithwaite. —9th September, 1919: (*a*) Richard Irvin, Senior, and Lever Brothers Limited; (*b*) Charles Ocean Johnson and Lever Brothers Limited; (*c*) John Dixon Irvin and Lever Brothers Limited. —10th September, 1919: (*a*) Annie Irvin and Lever Brothers Limited; (*b*) Peter Kaplan and Lever Brothers Limited; (*c*) George Driver Irvin and Lever Brothers Limited; (*d*) Richard Irvin, Junior, and Lever Brothers Limited; (*e*) The African Fishing and Trading Company Limited and Lever Brothers Limited; (*f*) Sir John Hannel Irvin and Others and Lever Brothers Limited; (*g*) Sir John Hannel Irvin and Lever Brothers Limited; (*h*) Lily Irvin and Others and Lever Brothers Limited. —11th September, 1919: (*a*) John Ambrose Kitchen and Others, J. Kitchen & Sons Proprietary Limited, Associated Enterprises Limited, Lever Brothers Limited and Lord Leverhulme; (*b*) John Hambleton Kitchen and Ambrose John Kitchen, Associated Enterprises Limited and Lever Brothers Limited; (*c*) John Hambleton Kitchen and Lever Brothers Limited; (*d*) John Hambleton Kitchen, Bennie & Kitchen Limited and Lever Brothers Limited. —15th September, 1919: J. G. Jackson Limited, James George Jackson and Lever Brothers Limited. —22nd September, 1919: William Alford and Lever Brothers Limited. —30th September, 1919: Lever Brothers Limited and R. Mees & Zoonen. —8th October, 1919: Brunner, Mond & Co., Limited, Joseph Crosfield & Sons Limited, William Gossage & Sons Limited, Associated Enterprises Limited and Lever Brothers Limited. —29th October, 1919: Lever Brothers Limited and R. Nivison & Co. and Foster & Braithwaite. —22nd January, 1920: The Earl of Scarborough and Clifford Blackburn Edgar, M.P., and Lever Brothers Limited. —26th February, 1920: Lever Brothers Limited and R. Nivison & Co. and Foster & Braithwaite. —12th March, 1920: Lever Brothers Limited and Carl William Hamilton. —30th April, 1920: Lord Leverhulme and Lever Brothers Limited. —28th June, 1920: Lever Brothers Limited and R. Mees & Zoonen. —30th June, 1920: Lever Brothers Limited and the Hon. William Hulme Lever. —18th August, 1920: Lever Brothers Limited and R. Mees & Zoonen. —9th October, 1920: Lever Brothers Limited and Associated Enterprises Limited. —24th September, 15th October, and 12th November, 1920: Lord Leverhulme and African and Eastern Trade Corporation Limited. —8th December, 1920: Lever Brothers Limited and De Lever's Zeep Maatschappij. —28th December, 1920: Lever Brothers Company, Boston, and Lever Brothers Limited. —28th December, 1920: Lever Brothers Limited and Blair and Company Incorporated. —28th and 31st December, 1920: Lever Brothers Limited and Lever Brothers' Company, Boston. —31st December, 1920: Lord Leverhulme and Lever Brothers Limited. —2nd February, 1921: Alexander Lawson Ormrod and James White and Lever Brothers Limited. —4th February, 1921: Lever Brothers Limited and London County Westminster and Parr's Bank Limited, Barclays Bank Limited, and Manchester and Liverpool District Banking Co. Limited. —4th February, 1921: Lever Brothers Limited and Manchester and Liverpool District Banking Co. Limited. —8th February, 1921: Lever Brothers Limited and London County Westminster and Parr's Bank Limited, Barclays Bank Limited and Manchester and Liverpool District Banking Co. Limited. —10th February, 1921: Lord Leverhulme and African and Eastern Trade Corporation Limited, Miller Brothers (of Liverpool) Limited and Millers Limited. —18th February, 1921: Lever Brothers Limited and R. Nivison and Co. —24th February, 1921: Lever Brothers Limited and Barclays Bank Limited. —24th February, 1921: Lever Brothers Limited and Colonial Bank Limited. —12th March, 1921: Associated Enterprises Limited, Lever Brothers Limited and Brunner, Mond and Company Limited.—To the above are to be added a Memorandum of the 12th November, 1920, and a letter of the same date, signed by Lord Leverhulme, and two marconigrams, dated on or shortly before the 16th November, 1920, relating to statements to be inserted by the Niger Company Limited in an offer for sale of Notes of that Company.

The Company has during the past two years entered into numerous Contracts in the ordinary course of its business.

A draft of the Trust Deed (subject to revision) and copies of the Memorandum and Articles of Association of the Company, of the Balance Sheets 1913 to 1919, and of the Provisional Balance Sheet for 1920, and the originals or copies of the Contracts above specified may be seen at the Registered Office of the Company by intending applicants for Debenture Stock between the hours of 11 A.M. and 4 P.M. on weekdays during the days the Subscription List is open.

Applications for the Debenture Stock must be made on the prescribed form and forwarded to the Company's Bankers with the deposit of 5 per cent. Where the amount of Debenture Stock allotted is less than that applied for, the balance of the deposit will be credited towards subsequent instalments. Interest at the rate of 8 per cent. per annum will be charged on overdue instalments, and failure to pay any instalment when due will render the amount previously paid liable to forfeiture and the allotment to cancellation. Notice will be given when Certificates are ready in exchange for Letters of Allotment and Bankers' receipts, and also when fully-paid Scrip Certificates may be exchanged for definitive Certificates.

Prospectuses and forms of application can be obtained from the Bankers and Brokers and at the Registered Office of the Company.

Dated 16th March, 1921.

TRUSTEES FOR DEBENTURE STOCK HOLDERS.

LONDON COUNTY WESTMINSTER & PARR'S BANK LIMITED, 41 Lothbury, London, E.C. 2.

BARCLAYS BANK LIMITED, 54 Lombard Street, London, E.C. 3.

DIRECTORS.

THE RIGHT HON. LORD LEVERHULME (*Chairman*).
THE HON. WILLIAM HULME LEVER (*Acting Chairman*).
HAROLD ROBERT GREENHALGH (*Vice-Chairman*).
JAMES LEVER FERGUSON, EDMUND VANNUTELLI SALAMAN, CLARENCE CHARLES KNOWLES, JOHN LOUDON BUCHANAN, JOHN McDOWELL, WILLIAM KEAY FINDLAY, CHARLES EDMUND TATLOW, MAJOR-GENERAL SIDNEY SELDEN LONG, C.B., JOHN INGLIS, JAMES LOMAX SIMPSON, HARRY GOODWIN HART, EDWARD LEONARD COOK, ERNEST WALLS, CHARLES ROWARTH BAKER, LICHFIELD HENRY MOSELEY.

BANKERS.

LONDON COUNTY WESTMINSTER & PARR'S BANK LIMITED, 41 Lothbury, London, E.C. 2, and Branches.

MANCHESTER & LIVERPOOL DISTRICT BANKING COMPANY LIMITED, Liverpool, Manchester, London, and Branches.

BARCLAYS BANK LIMITED, 54 Lombard Street, London, E.C. 3, and Branches.

BROKERS.

R. NIVISON & CO., Bank Buildings, Princes Street, London, E.C. 2.
FOSTER & BRAITHWAITE, 27 Austin Friars, London, E.C. 2.
R. J. TILNEY & CO., 14 Castle Street, Liverpool.
LAWSON & ORMROD, 4 Norfolk Street, Manchester.

SOLICITORS TO THE TRUSTEES.

MUNNS & LONGDEN, 4B Frederick's Place, Old Jewry, London, E.C. 2.

SOLICITORS TO THE COMPANY.

SIMPSON, NORTH, HARLEY & CO., 1 Water Street, Liverpool.

AUDITORS.

COOPER BROTHERS & CO., 14 George Street, Mansion House, London, E.C. 4.

SECRETARY AND REGISTERED OFFICE.

L. V. FILDES, PORT SUNLIGHT, CHESHIRE.

FORM OF APPLICATION.

No.....

LEVER BROTHERS LIMITED.

Issue of £4,000,000 7 per cent. First Mortgage Debenture Stock at 92½ per cent.
(part of an authorised issue of £15,000,000 First Mortgage Debenture Stock).

To the Directors of LEVER BROTHERS LIMITED.

GENTLEMEN,

Having paid to your Bankers the sum of £ , being a deposit of 5 per cent. on application for £ of the above Debenture Stock I/we request you to allot to me/us that amount of Debenture Stock and I/we agree to accept the same or any less amount that may be allotted to me/us upon the terms of the Company's Prospectus dated 16th March, 1921, and I/we agree to pay the balance due from me/us by the instalments specified in the said Prospectus.

I/We hereby declare that this application is not made by or for the benefit of any enemy subject within the meaning of the Trading with the Enemy (Amendment) Act, 1916.

Please write distinctly.

Name in full .....
Giving title (if any) and stating whether Mr., Mrs. or Miss.

Address in full .....

.....

Description .....
(A Woman should state whether Spinster, Wife or Widow.)

Usual Signature .....

Date ..... *March* 1921.

The Bankers of the Compauy will not acknowledge receipt of the deposits paid upon application, but letters of allotment or regret will be posted in due course.

This Form is to be filled in and sent with remittance to any of the following Bankers of the Company:—

London County Westminster & Parr's Bank, Limited, 41 Lothbury, London, E.C.2, and Branches.
Manchester & Liverpool District Banking Company, Limited, Liverpool, Manchester and Branches.
Barclays Bank, Limited, 54 Lombard Street, London, E.C.3, and Branches.

All cheques to be made payable to "BEARER" and crossed "NOT NEGOTIABLE."

DRUG & SPICE

GRINDING

IN ALL ITS BRANCHES.

FOR THE TRADE

We are one of the oldest and leading Houses for the crushing and powdering of all kinds of drugs, spices, etc.

The system of grinding drugs and spices sent in by customers and returning the product unadulterated with any foreign matter was practically originated by the firm in 1833.

The GREATEST CARE is taken with all drugs, etc., sent to be ground, so as not to impair the colour or medicinal value, and the actual produce is returned to the senders.

ALL GRADES OF FINENESS. PRICES ON APPLICATION.

STAFFORD ALLEN & SONS, LTD.

COWPER STREET, FINSBURY, LONDON, E.C. 2.

Telegrams: "Stafalens, Finsquare, London."

Telephone: Clerkenwell 2100 (4 lines).

Maw's Page

March 19, 1921. No. 492.

Prudence

Is your business policy one of careful provision for the future? Are your efforts directed at building a business that will bring you increasing profits, or are you striving to put money in the pockets of a host of outside competitors? The wise pharmacist limits competition to members of his own profession, by concentrating on goods which are only supplied to the pharmacist. When you sell Maw's goods you are safeguarding the future business that will accrue from your present efforts. You are assuring future profits. You are helping to secure your own position and protecting the profession generally. Maw's lines are the pharmacist's lines. They are supplied to no other retailer.

When you buy think of Maw's.
The Ancient House with Modern Methods.

Telephone: City 7 Private Branch Exchange

Telegrams: Eleven Cent London

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.

Cables: Eleven London

Code A.B.C. 4th & 5th Edition

QUININE

MAARSSEN

QUININE and QUININE SALTS.

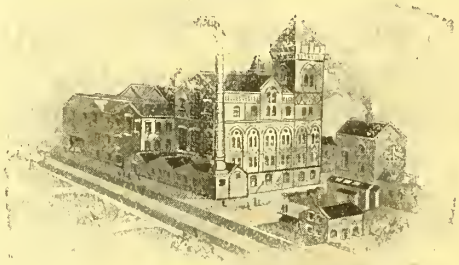
Unexcelled in Uniformity of Quality.
Brilliant Crystallisation and Purity of Colour.

CINCHONINE, CINCHONIDINE, QUINIDINE, and their SALTS.

NEDERLANDSCHE KININEFABRIEK, MAARSSEN, HOLLAND

AGENTS:— R. W. Greeff and Company, Ltd.
Thames House, Queen Street Place,
LONDON, E.C.4.

"John Bull" (REGD.)



MALT EXTRACT

and

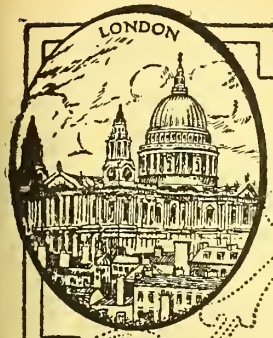
MALT EXTRACT AND COD LIVER OIL

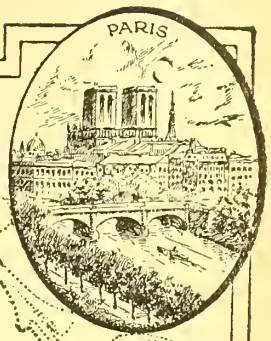
IS THE BEST ! !

Supplied in Bulk, Jars, Cardboard Containers, &c., for Wholesale and Export only.

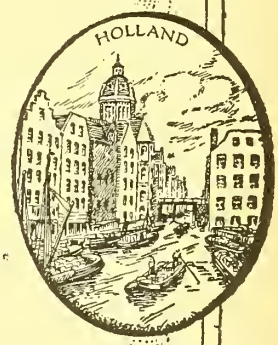
MALT EXTRACT POWDER. MALT FLOUR for INFANTS' and INVALIDS' FOODS.

PAINE & CO., LTD., ST. NEOTS, HUNTS.





PHARMACEUTICAL
AND
PHOTOGRAPHIC PRODUCTS.



R. W. GREEFF & Co., Ltd., offer at lowest prices the following products:

(WHOLESALE QUANTITIES ONLY)

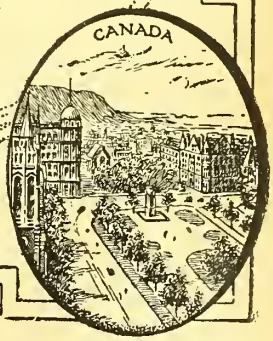
Acetanilid	Guaiacol Carbonate	Potash Sulpho-Guaiacolate
Acetone	Hexamine	Quinidine and Salts
Acetyl Salicylic Acid	Homatropine & Salts	Quinine and Salts
Acid Lactic	Hydroquinone	Quinine Ethyl Carbonate
Amidol	Ichthyol Substitute	Quinoidine
Amidopyrin	Kelene	Resorcin
Barbitone	Lemon Oil	Saccharin
Benzoic Acid	Lithia Carbonate	Salicylic Acid
Benzamine Hydrochlor.	Lecithin	Salicylate of Soda
Benzamine Lactate	Menthol	Salol
Benzo Naphthol	Mercurials	Soda Benzoate
Beta Naphthol	Methylene Blue Medicinal	Soda Hyposulphite
Bromides	Methyl Salicylate	Soda Sulphite Anhydrous
Calcium Lactate	Metol	Sugar of Milk
Chloral Hydrate	Paraldehyde	Tannic Acid Leviss
Cinchonine and Salts	Peppermint Oil	Tannin Albuminate
Cinchonidine and Salts	Pepsine	Tartaric Acid
Cocaine	Peptone	Terpineol
Creosote Carbonate	Phenacetin	Terpine Hydrate
Eucalyptus Oil	Phenazone	Theobromine
Gallic Acid	Phenolphthalein	Thymol Crystals
Glycerophosphates	Pyrogallic Acid	Vanillin

R.W.Greeff & Co., Ltd.

THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.

MANCHESTER BRANCH
Lloyds Bank Buildings,
King Street.

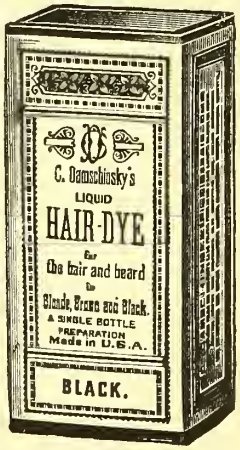
NEW YORK AGENTS
R. W. Greeff & Co., Inc.,
78 Front Street.



C. DAMSCHINSKY'S

AMERICAN LIQUID DYE.

Single Preparation for the Hair and Beard.



This excellent Dye has an enormous Sale all over the World.

MADE IN
FIVE NATURAL SHADES,
BLONDE, LIGHT BROWN,
BROWN, DARK BROWN,
AND BLACK.

2/- Size 15/- per doz. net.

3/- „ 22/- „ „ „

SIMPLE TO USE.
WILL DYE
RED, GREY OR FADED HAIR
TO THE DESIRED SHADE
IN A FEW MINUTES.
IT IS NOT A BLEACH.
WILL NOT DYE DARK HAIR
LIGHTER.

From all Wholesale Houses or direct from sole British Agents :

OSBORNE, GARRETT & CO., LIMITED,

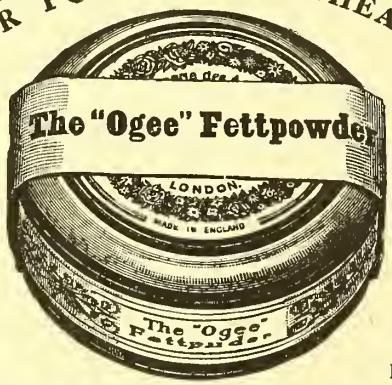
LONDON, BIRMINGHAM AND GLASGOW.

THE "OGEE" FETTPOWDER.

THE Ogee

THE Ogee

THE PREMIER POWDER FOR THEATRICAL USE.



In
White,
Rose,
Natural
and Rachel.

PRICE
12/6
PER DOZEN.

PROPRIETORS OF
THE CELEBRATED "OGEE" BRAND OF GREASE PAINTS,
AND THEATRICAL PERFUMERY.

OSBORNE, GARRETT & CO., LIMITED,

BIRMINGHAM. **LONDON, W.** GLASGOW.

AYRTON'S WEEKLY PAGE 15

FIRE!

A disastrous fire which occurred on Tuesday morning gutted our entire Hanover and Campbell Street premises, affecting our PATENT MEDICINE, SURGICAL, SUNDRIES and PACKED GOODS Departments.

We are, however, in a position to execute all orders for

DRUGS, PHARMACEUTICALS, CHEMICALS, PILLS, TABLETS, CAPSULES AND BOXES.

The Manufacturing Plant and Stocks of these departments, being situated in Duke Street, were unaffected by the fire.

Thanking you for past favours and assuring you of our best attention, we solicit a continuance of your orders.

AYRTON, SAUNDERS & CO. LTD

Manufacturing Chemists **LIVERPOOL**

Doan's "Carriage Paid"

The adoption of P.A.T.A. conditions has brought us a surprising number of congratulatory letters. We acknowledge this courtesy with very hearty thanks.

Trade Suggestion Now Adopted

We, in future, send all goods Carriage Paid.

Retailers in general and the many correspondents who suggest that pre-payment of carriage cements co-operation will be glad to see us act upon their views.

P.A.T.A. prices:

	England (Scotland and Wales.)			Ireland (Channel Isles and Isle of Man.)		
	Per dozen in 6-dozen lots.	In less than 6-dozen lots.	Minimum retail prices.	Per dozen in 6-dozen lots.	In less than 6-dozen lots.	Minimum retail prices.
Doan's Backache Kidney Pills...	26/0	29/0	3/0	23/6	26/3	2/9
Doan's Ointment ...	26/0	29/0	3/0	23/6	26/3	2/9
Doan's Dinner Pills	10/9	12/0	1/3	10/6	11/9	1/3

Terms Strictly Net. Account payable end of month following that of date of invoice. Best prices allowed on orders amounting to £7 : 16 : 0 (Ireland, Channel Isles, and Isle of Man, £7 : 1 : 0). Goods assorted as required. Carriage Paid.

FOSTER-McCLELLAN CO. Manufacturing Chemists,
8 Wells Street, Oxford St. - LONDON, W. 1

THE PHARMACIST'S OWN.

"Mineral Spring" is the Pharmacist's own effervescible. It is sold only to Chemists and Druggists. Also it has the essential high quality. Kerfoot quality is Chemists' quality.

In comparison with other effervescible salines on the market

"MINERAL SPRING"

EFFERVESCENT HEALTH GRANULES

keep better, have a longer and more sparkling "fizz," a sharper, clearer flavour, and a finer medicinal efficacy than any.

Have them always in stock. They recommend themselves, and the demand therefore is a growing one.

THOMAS KERFOOT & Co. LTD.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

COPYRIGHT

IDEAS *for* CHEMISTS

PROFITS ARE THE REALISED FRUITS OF BUSINESS THINKING AND PLANNING

Men grow in the direction of the thoughts they entertain. Their acts are realised ideas.

How far, Mr. Chemist, can you see into the Future of your Business? Do not allow your Vision to be so obscured by the routine of petty detail that you do not see clearly beyond the duties of each day.

Unless you have Vision you lack the greatest of all aids in your business. Vision places you on the lookout bridge of your business ship, where you tower above the petty details of the moment and see your most profitable course clearly ahead.

Cultivate Vision! It will enable you to exercise FORESIGHT with INSIGHT in your business.

Vision prevents the penny of to-day from blinding you to the pound of to-morrow. Reserve a quarter-hour daily for climbing into the conning-tower of your imagination. SURVEY your TO-MORROW'S—NEXT WEEK'S—and NEXT MONTH'S possibilities of profit. What you will see will arouse your interest and ambition. You will become a Business-Builder instead of remaining a Business-Plodder.

The Higher Strategy of Business will become a fascinating study. More and more will "Design" leaven the salesmanship of your window, counter and shelves. With less brain-dulling routine, the mind will be more original, constructive and effective in its work.

Too many Chemists exhaust their precious physical and mental energies in petty work. THE PERSONAL ENERGY IS THE PRECIOUS SPIRIT THAT PROVIDES THE MOTIVE POWER.

If you are already middle-aged, think how short the time you have in which to achieve that later-life independence which is, at one and the same time, the evidence of your business ability and the assurance of your future happiness.

One North of England Chemist learnt a useful lesson the other day. A SAN-A-GEN representative called upon him for a renewal order, was shown about half the stock hidden away with other lines. The SAN-A-GEN man had noticed that the window and counter displays were far from good; secured permission to dress the window and counter, and won the praise of the Chemist for his work. Within three days a considerably increased order reached the Sanagen Co., together with a letter of high praise of the practical aid with which the SAN-A-GEN representative backed up his advice. "Not only did SAN-A-GEN sell, but also other lines that I had hidden away from sight." Moral—*what the eye cannot see of the Chemist's stock, the Public will not buy.* There is money and easier profit in a customer's purchases of a series of tins of SAN-A-GEN than there is on the average customer's purchase of a "prescription" that has to be made up.

There is *50% Profit on Cost* for the mere handing over of tins of SAN-A-GEN Nerve Tonic Food. And SAN-A-GEN is the product of the skill of brother British Chemists, and was awarded the Gold Medal at the International Medical Congress held in London in 1913.

The Chemist's Table of Profits on San-a-gen Nerve Tonic Food

4 oz.	Costs 2/-	Sells 3/-	Profit 1/-
8 oz.	Costs 3/4	Sells 5/-	Profit 1/8
16 oz.	Costs 6/4	Sells 9/6	Profit 3/2

Certain sales-aids that never fail to make sales are obtainable direct and carriage paid from the Sanagen Co., Ltd. One is supplies of a *bijou* treatise entitled "*Neurasthenia: The Problem of To-day and To-morrow.*" Prescription Envelopes, Weight Cards, Showcards, etc., are also willingly supplied on request.

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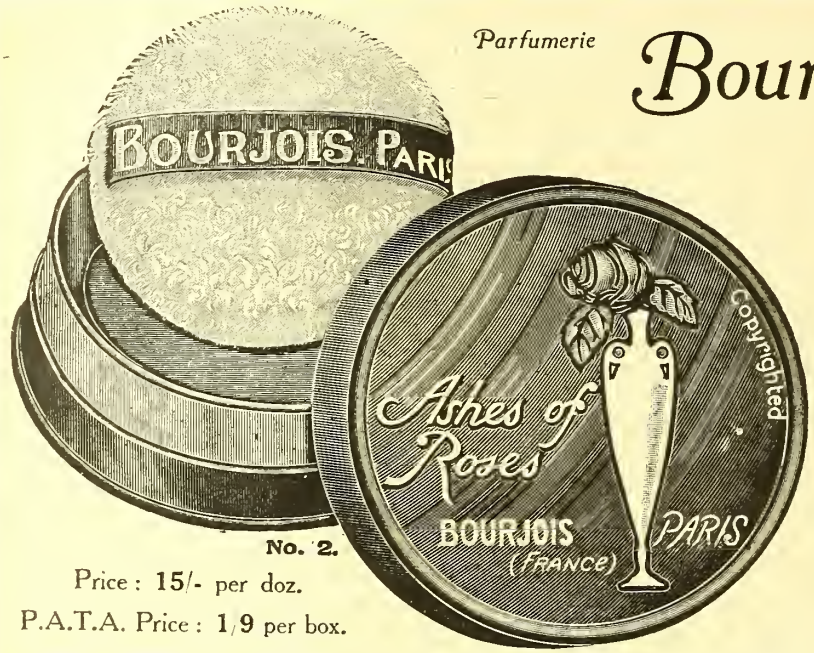

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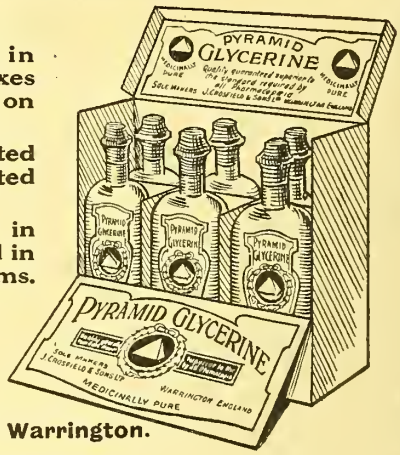

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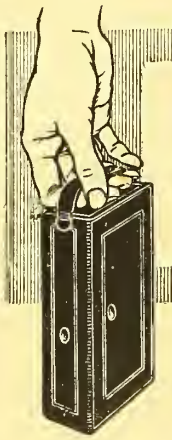

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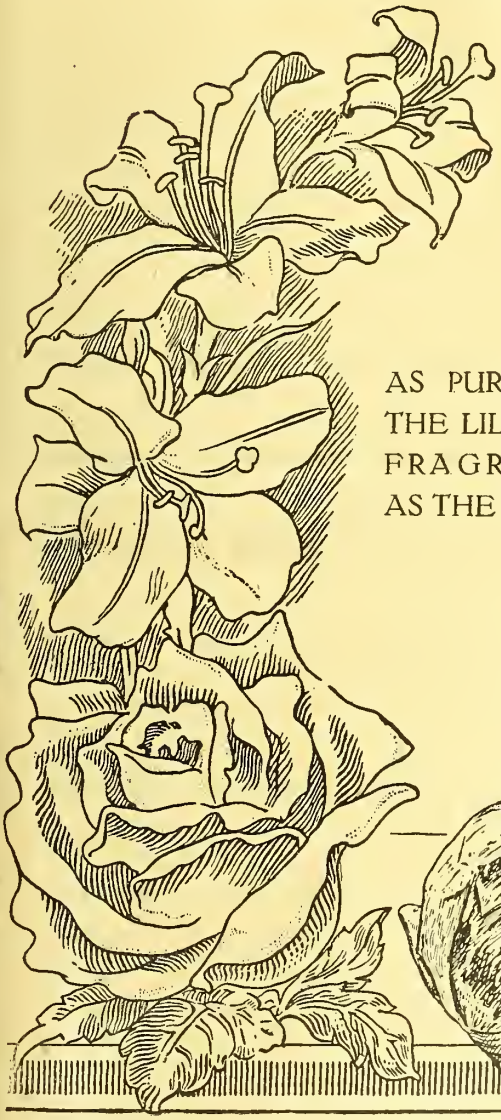

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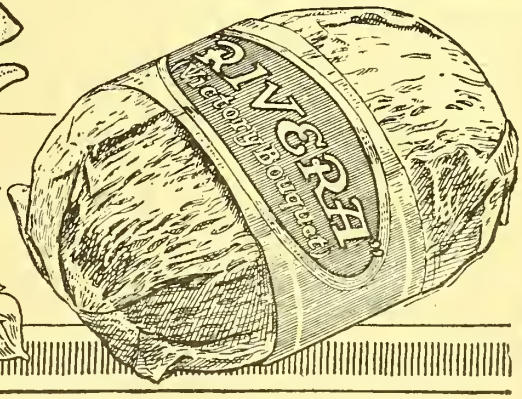

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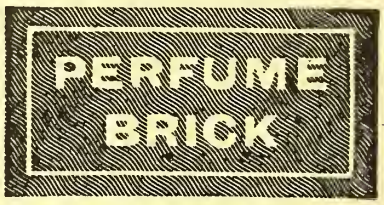

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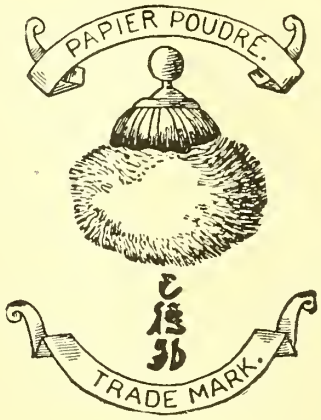

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8d. SHAVING PADS, for Use after Shaving (unscented). White only ... **5/-** per doz. net.

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A most popular line. (Regd.)

Made in booklet form. One size only, viz. **1/–**, at **8/–** per dozen net.
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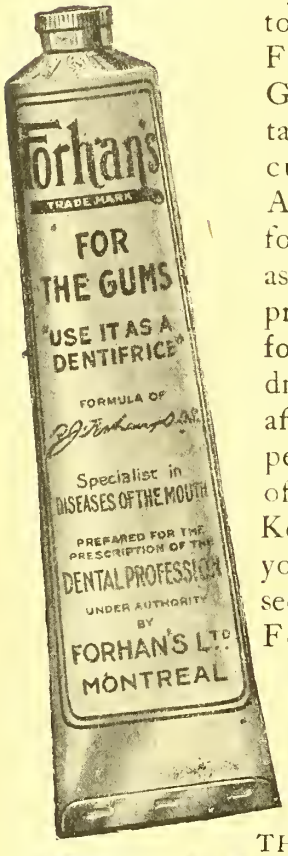
Forhan's For the Gums contains a certain portion of the curative Forhan's Astringent, and therefore is doubly valuable as a dentifrice and a preventive treatment for Pyorrhea — that dread disease which affects four out of five people over 40 years of age.

Keep Forhan's where your customers will see it. Wherever sold Forhan's establishes customers' goodwill and builds permanent trade.

Prices and information on request.



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ORIGINAL
HENNA SHAMPOO
daily extends its boundaries, and is now a subject for popular journalism.

It pays to sell this famous line.

You will find full details of terms and prices in the current issue of "THE SHAMPOO SALESMAN," a copy of which is gladly sent on request.

Be sure to order

THE EVAN WILLIAMS ORIGINAL
Henna Shampoo

Wholesale only:
THE EVAN-WILLIAMS CO., LTD.
18 Ogle Street - LONDON, W. 1.

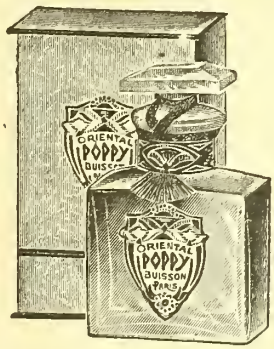
The Perfume which has captivated the Public.

Oriental Poppy Buisson

An Eastern Perfume of wonderful fragrance and great lasting power, packed in dainty bottles and cartons.

Bath Salts

Brillantine



Absolute Perfume
(without alcohol)

Perfumed Cards

PROTECTED P.A.T.A. PRICES.

Size	Wholesale	Retail
Small	24/- doz.	3/- each
Medium	42/- ,,	5/3 ,,
Large	80/- ,,	10/- ,,

Sole Proprietors—

W. J. BUSH & CO., Ltd.

ASH GROVE——————HACKNEY, E. 8

B B

The Growing Demand

for Nildé products is due to two causes: (1) the super-quality of the goo themselves, and the attractive manner in which they are presented to t public; and (2) the steady outflow of vigorous publicity which keeps t name of Nildé ever fresh in the public mind.

POUDRE NILDÉ

in the sifter box.

Shows you 33⅓% on selling price.

If you are *au fait* with your customers' needs you will not hesitate to stock regularly. Not only is it a line which "turns over" rapidly and at a good profit, but it gi your customer 100% satisfaction—*always*, and therefore builds up goodwill, and makes the expansion which is based on recommendation.

MINIMUM SELLING PRICES:

ROUGE INVISIBLE NILDÉ

in the sifter box.

Small size	1/6
In leather case	5/6

Tints: Brune & Blonde.

POUDRE NILDÉ

in the sifter box.

Handbag size	1/-
Medium size	2/-
Large size	3/6
Leather or fancy silk vanity cases, with mirror, small size	5/-
Medium size	7/6
Large size	10/-

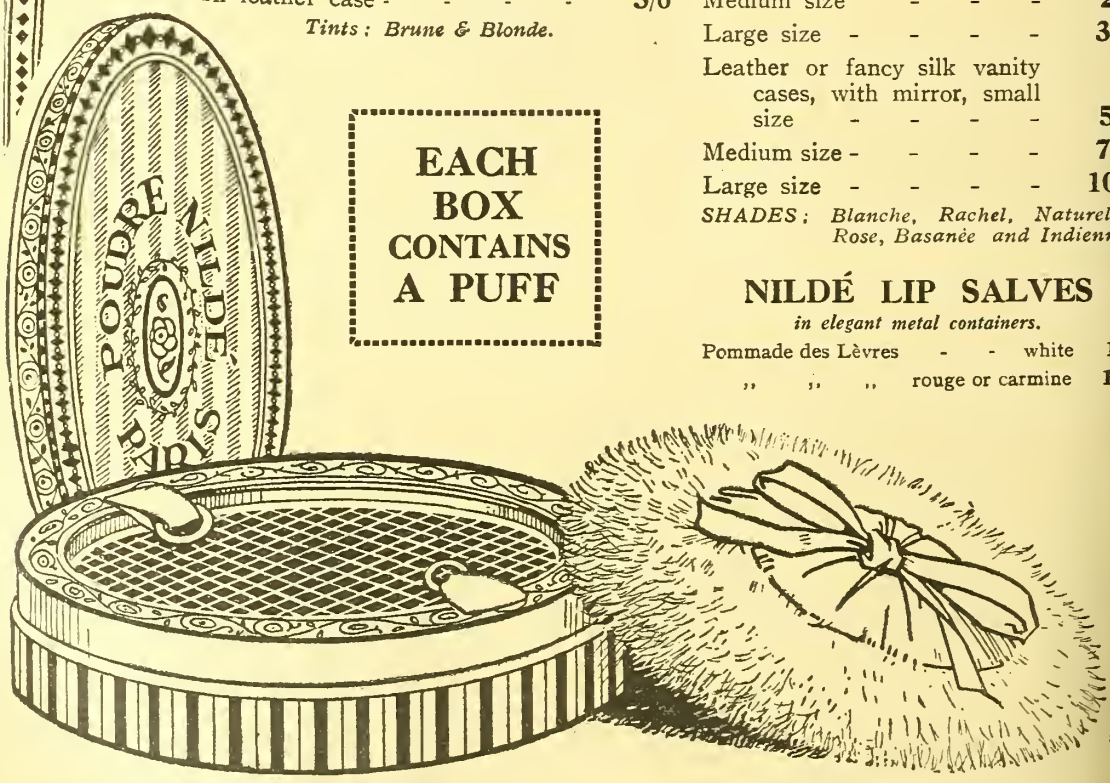
SHADES: Blanche, Rachel, Naturelle, Rose, Basanée and Indienne.

EACH BOX CONTAINS A PUFF

NILDÉ LIP SALVES

in elegant metal containers.

Pommade des Lèvres - white	1/-
,, ,, ,, rouge or carmine	1/3



The Goodwill

and integrity of the Parisian House of Nildé has been established through a long period of honourable intercourse with the British Public.

CRÈME DE BEAUTÉ NILDÉ

Shows you 33⅓ % on selling price.

Crème de Beauté Nildé is a characteristic example of Nildé products which your customers will appreciate as a *permanent* addition to the necessities of the Toilet Its inviting appearance, together with the appeal of the name behind it, will make an easy initial sale, and after that the product recommends itself. It becomes merely a matter of meeting demand.

Recollect also that the proprietors of Nildé preparations are continually stimulating this demand by an output of attractive sales-bringing publicity, notably the recent Gift Scheme, by means of which many thousands of full-sized jars of Crème de Beauté Nildé were successfully tested by *new* customers.

MINIMUM SELLING PRICE ... 2/- LARGE ... 3/-

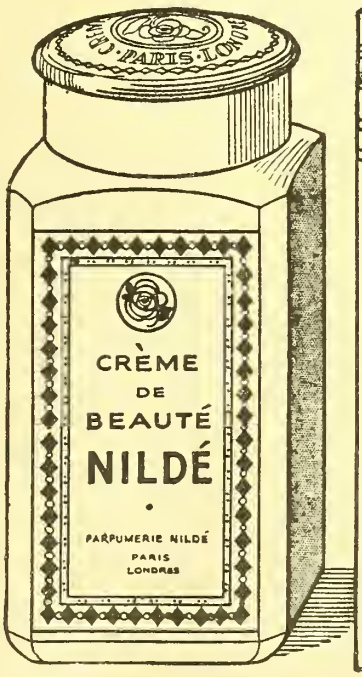
In two Shades: Blanche and Naturelle.

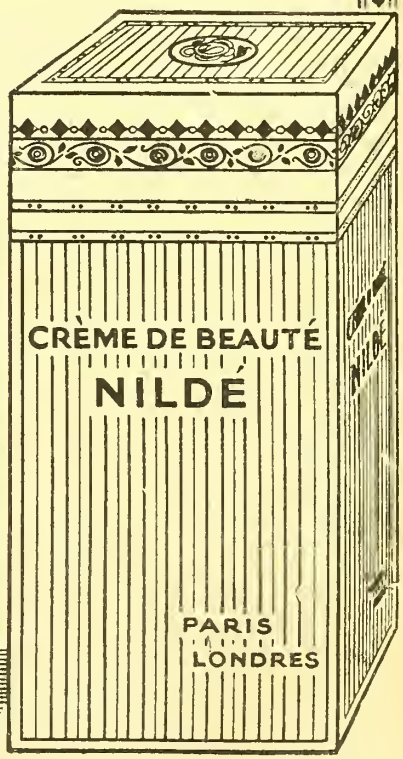
ORDER THROUGH YOUR WHOLESALE HOUSE.

NILDÉ, Paris

British and Colonial Agents:

8 BLENHEIM ST., LONDON, W.1.





JOHNSON'S
BABY SOAP.

The Companion to the World-known Antiseptic Toilet and Baby Powder

It is a perfectly bland, neutral soap, suited for either babies or grown-up people. It may be used in the same manner as an ordinary toilet soap with absolute confidence. The most delicate skins are those of the new-born baby or very young child. Johnson's Baby Soap originated in a desire by physicians and nurses for a soap suitable for the baby's skin.

BRITISH MADE.

Packed 3 tablets in box. Price 8/- per doz. tablets.

JOHNSON & JOHNSON, New Brunswick, **NEW JERSEY, U.S.A.**

Agents:

JOHN TIMPSON & CO., Ltd. 104/106 Golden Lane, **LONDON, E.C. 1**

SPRING IS HERE once more to help your sale of POWDER PUFFS. Are you ready to meet the increasing demand ?

WE supply Powder Puffs of all kinds in Down or Wool at prices defying competition in this country ! ! None but the choicest Skins and the highest grade of Wool are used in conjunction with their manufacture. We are in a position to ensure quick deliveries of Swansdown Skins and Wool Cloth in several qualities, and we cordially invite enquiries from Makers.

We also SPECIALISE in

MANICURE REQUISITES

NAIL POLISHERS FAVEUR RIBBONS

PERFUME LABELS, "Le Relief" Paris.

We can show you the latest Paris Creations.

DRUGGIST SUNDRIES, etc.

Compact Powder, Nail Crayon and Paste, Vanishing Creams and Skin Food, Perfumery.

In Bulk or Packed ready for Export.

Samples and detailed Price Lists are sent upon request to WHOLESALERS and SHIPPERS ONLY.

J. R. BOURLAT, GOES & Co.

(Incorporating Wm A. J. SHARPLES)

21 Clarendon Rd., Holland Park, London, W.11

Telephone: PARK 2592.

Laboratories: 4 Beatrice Road, Stroud Green, N.4

LONDON PARIS BRUXELLES

Mr. Geo. R. Sims' "Tatcho" and "Tatcho-tone."

A big vigorous, impressive advertising campaign, covering the whole of the British Isles, is now being pursued. A vastly increased volume of business is inevitable. Generous profit to the trade has been arranged.

TATCHO

THE HAIR GROWER

Price 2/9

Wholesale: **26/-** PER DOZEN.

TATCHO-TONE

FOR GREY HAIR

Price 4/6

Wholesale: **42/-** PER DOZEN.

GEO. R. SIMS' HAIR RESTORER CO.

5 Great Queen St., Kingsway, LONDON, W.C.2.

VINOLIA
ALL ALIKE PERFECT

VINOLIA *Solidified Glycerine*

THIS new solidified form of Glycerine is proving very popular with the public. It is a splendid remedy for all roughness of the skin and chapped hands, caused by raw winds and rough weather.

Its handy form enables the soothing and healing qualities of glycerine to be applied without trouble. Its regular use keeps the hands soft, smooth, and white, and the skin in good condition. It is packed in dainty silver-metal tubes, specially convenient for vanity bag or waistcoat pocket.

In attractive Display Boxes for Counter.

YIELDS AN EXCELLENT PROFIT
AND SELLS AT SIGHT.

Retail Prices
7½D.
& 1/-
Per Tube.

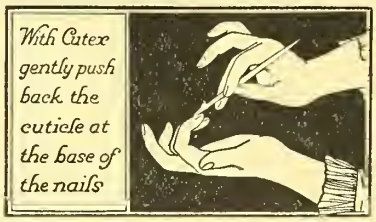
R V 474—29 T

VINOLIA COMPANY LIMITED, LONDON.
Offices and Works; Bebington, Cheshire.

"CUTEX" Nail Preparations

No. 16 COMPACT SET.
27/- dozen.

P.A.T.A.
3/- each.



CHEMISTS and Stores say that "Cutex" advertising has been the largest single influence in the remarkable development of the manicuring habit. Whenever a new user is interested, a regular customer is developed.

Where a few years ago a hundred women were careful of the appearance of their nails, to-day there are literally thousands.

To-day, the sales of "Cutex" products are greater than those of all other manicure products combined. "Cutex" overwhelmingly dominates the field.

No. 1 REMOVER
18/- dozen.
P.A.T.A.
2/- each.

No.		Retail.	Doz.
1	"Cutex," The Ideal Cuticle Remover (Small) ...	2/-	18/-
2	"Cutex." The Ideal Cuticle Remover (Medium) ...	4/-	36/-
4	"Cutex" Nail White	2/-	18/-
5	"Cutex" Nail Polish Cake (White)	2/-	18/-
6	"Cutex" Nail Polish Cake (Pink)	2/-	18/-
7	"Cutex" Nail Polish Cake (Trial Size)	7½d.	5/6
8	"Cutex" Nail Polish Powder	1/6	13/6
9	"Cutex" Nail Polishing Paste (Pink)	2/-	18/-
10	"Cutex" Nail Polishing Paste (Plain)	2/-	18/-
11	"Cutex" Liquid Nail Enamel	2/6	22/6
13	"Cutex" Cuticle Comfort	2/-	18/-
14	"Cutex" Nail Bleach (Powder)	2/-	18/-
15	"Cutex" Rouge	2/-	18/-
16	"Cutex" Compact Manicure Set	3/-	27/-
17	"Cutex" Travelling Manicure Set	9/6	84/-
18	"Cutex" Boudoir Manicure Set	19/-	168/-
22	"Cutex" Nail Polish Stick	1/6	13/6
31	"Cutex" Cold Cream	2/-	18/-

SOLE AGENTS;

HENRY C. QUELCH & CO.,

4 & 5 LUDGATE SQUARE, LONDON, E.C. 4.

MOORLAND PHARMACY SERVICE

W. B. Cartwright, Ltd.

RAWDON ❖ NEAR ❖ LEEDS.

The Leading House of Ideas for Pharmacy.

Offer an unique service to both manufacturers and retailers who require advice and assistance upon matters relative to advertising and selling.
We invite correspondence with manufacturers of really High-class Preparations, Toilet Specialities, Perfumery or Sundries, provided they are lines that will not clash with our present interests.
We are in an unique position to give you the best provided your lines are such as we can have confidence in.
Advertising must be well done to be effective—there is nothing upon which you can waste more money than ineffective publicity. If you have ***the*** line we can create ***the*** market for you.

ADDRESS
PUBLICITY DEPT.

MOORLAND BRAND

MOORLAND
PHARMACY SERVICE

Choose the Best Quality!

BELDAM

PURE RUBBER "TURKEY"

SPONGES

Made from the best red rubber, of a fine soft texture, which resists wear much better than the coarser varieties. The ordinary sponge is made in five sizes; the patent Rough-Smooth in three sizes; and the Turkey Cup in one size only.
Unaffected by boiling water, or strong disinfectants, they are the perfect sponge.
Write for full price list.

Sole Selling Agents

• MOORLAND •
PHARMACY SERVICE
W·B·CARTWRIGHT LTD.
• RAWDON Nr LEEDS •

MOORLAND BRAND

Silent Salesmen that sell the goods

Sent Post Free upon Request

EACH post brings us letters of appreciation from pharmacists who are doing record business in Sanatogen, Formamint and Genasprin, as the result of exhibiting these handsome Showcards.

At the request of our friends in the trade we have secured fresh supplies of these business-bringing Showcards, and will gladly send you any or all of them. Applications will be dealt with in strict rotation — so send us your requirements *now!*

Are your stocks of Sanatogen, Formamint, and Genasprin sufficient to meet the increased demand? If not, replenish now, don't risk disappointing your customers through being "out of stock."

Please address all enquiries to

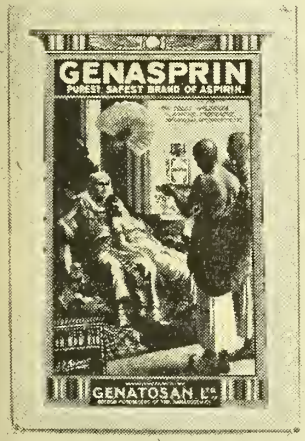
GENATOSAN, LIMITED (Advt. Dept.)

Makers of

SANATOGEN, FORMAMINT and GENASPRIN

12, Chenies Street, London, W.C. 1

May we send you these Attractive Showcards ?



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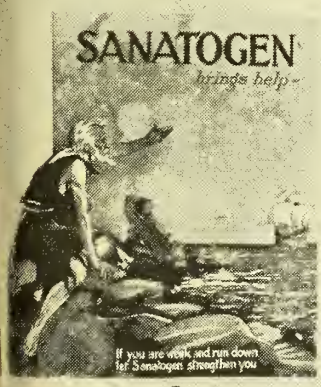

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4 5 6

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NOTE: Design No. 4 is also made for Sanatogen and Genasprin.

Sumtache

NON-INFLAMMABLE

TRADE MARK.

THE NEW HOME DRY CLEANER

THE DAILY MAIL
DAILY MIRROR
DAILY SKETCH
THE LADY

and many other papers are creating the great public demand for SUMTACHE.

ALLOTMENT of TERRITORIAL AGENCIES

The appointment of Agents for SUMTACHE in the United Kingdom is now in progress. Further applications are invited from Merchant Druggists and Wholesale houses as representatives in certain areas. Sumtache, the new one-minute dry cleaner, is fully described in two previous issues of the "Chemist and Druggist."

PER **1/6** *BOT.*

Protection applied for under P.A.T.A.

In attractively labelled Bottles and Cartons.

Free advertising matter. Sells at **12/-** doz. to retailer. Showing this week at the **Woollen Trades Exhibition, Agricultural Hall, London.** Write to-day to

THE SUMTACHE CO.,
31 Gerrard Street - W.1.

Clothes that are dirty, spotted and greasy
Clean with *Sumtache*—Nothing so easy

A Message to Retailers.

No. 3

"Small profits—quick returns" should be the basis of every progressive retailing business in the Kingdom.

If you make 1d. profit on the sale of a 3d. article, and you sell 1,000, your total profit amounts to £4 3s. 4d.

On the other hand, if you sell 100 of another article which sold at 6d. gives you 3d. profit, your total gain is £1 5s. 0d.

Grasp the great underlying importance of this. Refuse to be tempted into buying slow-selling lines that offer a big margin of profit. They are not a paying proposition.

Quick-selling lines are essential.

And the quickest selling lines are the advertised lines. Remember that half the selling has been done before the goods reach you. The public is waiting to buy them.

Follow the example of retailers all over the country who are now asking a question that every traveller must answer:

"Is The DAILY MAIL going to help me to sell your goods?"

This question is the acid test of the selling value of any goods. The DAILY MAIL, with its much-more-than-a-million net sale, serves a public that no selling organisation can afford to ignore.

"Are the goods you offer advertised in The DAILY MAIL?"

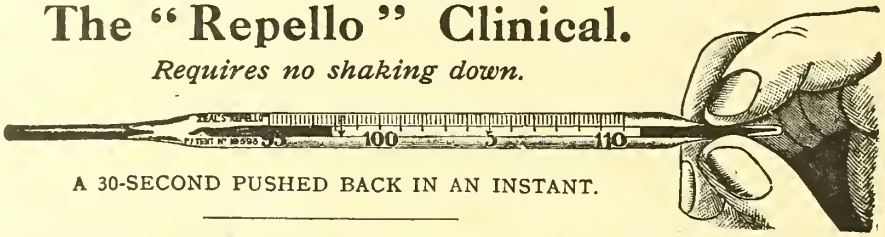
Get into the habit of putting this question to the traveller. If the answer is "Yes," you can be sure that you are buying the quickest selling lines on the market.

CARMELITE HOUSE,
LONDON, E.C.4.

ZEAL'S Thermometers

The "Repello" Clinical.

Requires no shaking down.



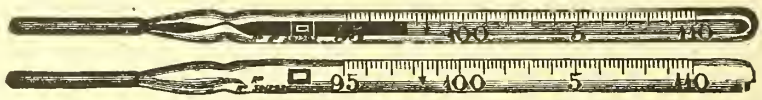
A 30-SECOND PUSHED BACK IN AN INSTANT.

New Improved Lens Finder.

The only Easy Reading Magnifying Clinical on the Market.

IN FOCUS.

OUT OF FOCUS.



The square mark engraved on Lens Front locates the mercury column immediately.

SPECIAL AWARD & GOLD MEDAL, NEW ZEALAND, 1907. SILVER MEDAL, INDIA, 1909. SILVER MEDAL, LONDON, 1913.

All Clinical Thermometers are N.P.L. tested.

Registered Trade Mark

Telegrams: "ZEALDOM, SMITH, LONDON."

Telephone No.: CENTRAL 12438.

G. H. ZEAL, Wholesale Manufacturer of Clinical Thermometers. Estd. 1888.
82 TURNMILL ST., LONDON, E.C. 1

HOUPPES ODORANTES

Perfumed pads for linen cupboard & wardrobe. *Lasting & fragrant.*

MUGUET DES BOIS (*Lily of the Valley*)
MIMOSA VIOLETTE
PINKS
ROSE
MIRRORS BRUSHES
SCENT SPRAYS MANICURE CASES
POLISHERS TWEEZERS
PUFFS FILES COMBS

A. E. DEPRETER,
27 Holborn, London, E.C.1.
Phone: Holborn 3182.
Grams: "*Aedeprelon, Smith, London.*"

HOUPPES ODORANTES

"BUY IN THE BEST MARKET"

THE LEADING HOUSE FOR

COMBS

OF EVERY DESCRIPTION

ALSO
DRUGGISTS' SUNDRIES
AND
TOILET REQUISITES.

Our goods are right, and prices low.

VERNON POWELL, Ltd.

Druggists' Sundriesmen,
7 WATLING ST., LONDON, E.C. 4.

Why you should sell

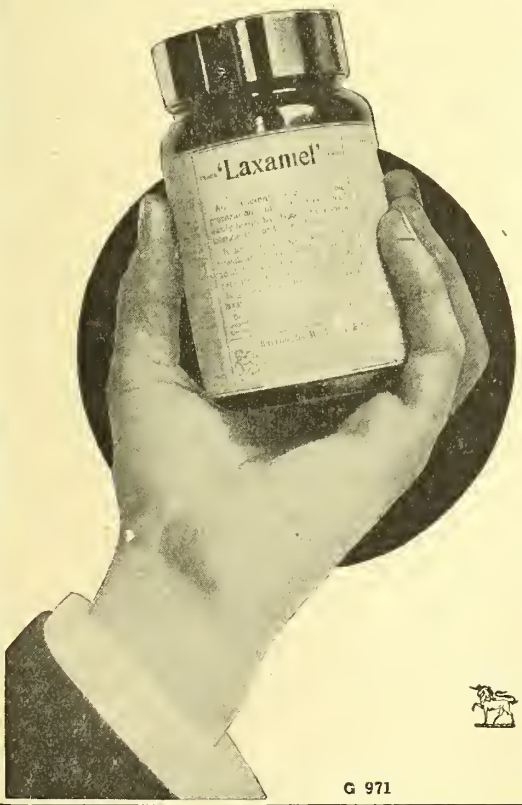
TRADE 'LAXAMEL' MARK

The Palatable Laxative

'Laxamel' is so pleasant, both in taste and appearance, that even the most fastidious take it willingly.

Is certain yet gentle in its action.

Contains approximately 80% 'Paroleine,' an exceptionally refined liquid paraffin.



You can always give it your unreserved recommendation with the certainty that it will please your customers.

The profit is excellent. 'Laxamel' is issued in large glass jars at 24/- per doz. (subject).

Why not make a counter display?

BURROUGHS WELLCOME & CO., LONDON
NEW YORK MONTREAL SYDNEY CAPE TOWN
MILAN SHANGHAI BUENOS AIRES BOMBAY

G 971

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WARRICK
BROTHERS, LIMITED

CHOCELLÆ.
PULVELLÆ.
FLEXOIDS.
FLEXETTES.
FIZZZLETS. *(Suspended)*
REFRESHLETS.
EXTRAITS AUX FLEURS.
ESSENTIAL OILS.
POMADES (FLORAL).
ROSE WATER.
SACHETS.
PERFUMES.
SYNTHOROSE.
CACHOUS.
FRAGRETS. NORETS.
PERLES.
PASTILLES.
LOZENGES.
ORIFORM LOZENGES.
WALMSLEY CLEANING PADS.
CAPSULES.

NOSTRONES.
COMPRESSED TABLETS.
AMULETS.
POT POURRI (CINET'S)
JAPADUMS (CINET'S).
TOILET SOAPS.
CHAPIREAU'S CACHETS.
CINET'S GOODS.
CACHETS.
CACHET APPARATUS.
ZEPHYR BUTTONHOLES.
PERFUMETTES.
OTTOLETTES.
ZOMBS.
CHANTICLEER.
LUBRILAX.
THE "FLAG" EAU DE COLOGNE.

Also Special Agents for
JELLOIDS.
IRON JELLOIDS.
DULCILAX.

6, Nile Street, City Road, London, N.1.

Telephone: CLERKENWELL 2452. Telegrams: "WARRICKERS, HOX, LONDON."
CORRESPONDENCE FROM OVERSEAS SOLICITED.

THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of other Chemists' Societies in the Overseas Dominions.

Subscription Rates. TWENTY SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy *9d.* post free; *Diary*, 10s. post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 20s., franco.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 20ch., franco.

Terms for Advertising may be obtained on application to the Publisher

HEAD OFFICE: 42 CANNON STREET, LONDON, E.C. 4.

Telegrams: "Chemicus, Cannon, London." Telephone: Central 3617 (three lines).

BRANCH OFFICES: MELBOURNE AND SYDNEY, AUSTRALIA.

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Easter Holidays.

Owing to the Easter holidays The Chemist and Druggist and the *Coloured Supplement* will close for press next week a day earlier than usual—viz., on Wednesday, March 23. We shall be glad if contributors and advertisers will please note this alteration and let us have their copy as early as possible.

"C. & D." Provincial Office.

In order to meet the convenience of a constantly increasing circle of advertisers and subscribers in Lancashire and Cheshire, a branch office of The Chemist and Druggist has been established at

49 County Buildings,
Old Millgate,
Manchester.

This new office is in charge of Mr. John R. Goldthorpe, a pharmacist. The telephone number is "City 52."

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Easter Holidays.

We have ascertained that the following wholesale houses will be closed from Thursday evening, March 24, to Tuesday morning, March 29:

Allen & Hanburys, Ltd., Bethnal Green, E. 2. (Small urgent orders can be executed at 7 Vere Street, W. 1.)
Berton, Arthur, Ltd., 15 and 17 Worship Street, E.C. 2.
British Drug Houses, Ltd., The, 22-30 Graham Street, City Road, N. 1.
Burge, Warren & Ridgley, Ltd., 91 and 92 Great Saffron Hill, E.C. 1.
Burroughs Wellcome & Co., Snow Hill Buildings, E.C. 1.
Christy, Thos., & Co., 4, 10 and 12 Old Swan Lane, E.C. 4.
Curling, Geo., Wyman & Co., 56-59 Bunhill Row, E.C. 1.
Formalin Hygienic Co., Ltd., 3 Lloyds Avenue, E.C. 3.
Greeff, R. W., & Co., Ltd., Thames House, Queen Street Place, E.C. 4. (Half the staff will be in attendance on March 26.)
Hair, B. W., & Son, Ltd., 104 High Holborn, W.C. 1.
Hewlett, C. J., & Son, Ltd., 35-42 Charlotte Street, E.C. 2. (Open on March 26.)
Howards & Sons, Ltd., Ilford.
Macfarlan, J. F., & Co., 9 and 11 Moor Lane, E.C. 2.
Mallagh & Co., 19 St. Dunstan's Hill, E.C. 3.
Maw, S., Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.
May, Roberts & Co., Ltd., 7-13 Clerkenwell Road, E.C. 1.
Morson, Thomas, & Son, Ltd., Gray's Inn Road, W.C. 1.
Newbery, Francis, & Sons, Ltd., 27 and 28 Charterhouse Square, E.C. 1.
Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, E.C. 4.
Parke, Davis & Co., 50-54 Beak Street, W. 1.
Potter & Clarke, Ltd., 60-64 Artillery Lane, E. 1.
Reuter, R. J., 69 Carter Lane, E.C. 4.
Sangers, 258 Euston Road, N.W. 1.
"Sanitas" Co., Ltd., The, Locksley Street, E. 14.
Smith, T. & H., Ltd., 25 Christopher Street, E.C. 2.
Sparks, White & Co., Ltd., Tenter Street, E. 1.
Stevenson, H. E., & Co., 122 Great Suffolk Street, S.E. 1.
Stevenson & Howell, Ltd., 95A Southwark Street, S.E. 1.
Toogood, William, Ltd., 77 Southwark Street, S.E. 1.
Tyrer, Thomas, & Co., Ltd., Stratford, E.
Willows, Francis, Butler & Thompson, Ltd., 40 Aldersgate Street, E.C. 1. (Open on March 26.)
Wood, Vincent, 91 and 93 Newington Causeway, S.E. 1.
Wright, Layman & Umney, Ltd., 44-50 Southwark Street, S.E. 1.

The offices of The Chemist and Druggist will be closed from March 24 to March 29.

Dyestuffs (Import Regulation) Act, 1920.

The list of products covered by the Dyestuffs (Import Regulation) Act, which has been drawn up in consultation with the Dyestuffs Advisory Licensing Committee, has now been issued in pamphlet form. It comprises no fewer than about 800 synthetic dyestuffs and a list of products other than finished dyestuffs which come within the scope of the Act. Among the products included are synthetic phenol, phthalic acid, phthalic anhydride, pyrogallol, resorcin, salicylic acid, acetanilide, benzaldehyde, and benzoic acid. The list does not claim to be exhaustive, and additions may be made to it from time to time. The mere fact that a particular product does not appear by name in the list is not of itself regarded as conclusive evidence that it is not covered by the prohibition.

Public Institution News.

At the recent annual meeting of the Southport Infirmary Committee, Dr. G. R. Anderson paid a cordial tribute to Mr. S. J. Elliott, the pharmacist to the institution, whose work was of considerable assistance in more than one respect, added Dr. Anderson.

The following tenders have been accepted by the bodies named:

Boston Guardians.—Mr. A. Day, chemist and druggist, and Grimble & Kent, chemists, drugs, etc.

Isle of Thanet Joint Hospital Board.—Mr. G. M. Arrowsmith, Ph.C., Broadstairs, drugs, etc.

Nantwich Guardians.—Mr. W. C. Grice, chemist and druggist, drugs, etc.

Weymouth Guardians.—Coles & Hutt, Ltd., chemists, dressings.

Wine-licence Applications.

The following wine off-licence applications have been recorded since our last report:

Granted.—Mr. J. Davies, chemist and druggist, Aberdare; Mr. R. L. Davies, chemist and druggist, Thornton Heath; Mr. J. B. Sawyer, chemist and druggist, Oldham; Squires, Ltd., chemists, Mardy.

Refused.—Mr. J. R. Henderson, chemist and druggist, Llanelly; Mr. J. R. Oliver, chemist and druggist, North Walsham. In Mr. Oliver's case the application was refused in spite of evidence in support by two medical men and the headmaster of the local grammar school, and notwithstanding the fact that there was no opposition. The chairman of the justices, in announcing their decision, said they felt this was a new sort of a licence, and that it could not be granted to one chemist without granting it to another.

House-organs.

The following are among the house-organs that have reached us during the month:

"The Triangle" (Prescott & Co., Hulme, Manchester) includes an article on "School Tuck Shops" and two poems in the current issue, which, for the rest, embodies familiar features.

"Trade Notes" (Rajar, Ltd., Mobberley), in an article entitled "Printing Efficiency," gives some hints on exposing bromide and gaslight prints. The first essential in this type of printing is correct exposure, and every precaution should be taken to ensure it.

"Glaxo Service Bulletin" (Glaxo, London, W. 1) includes an eight-page supplement devoted to an exposition of the manufacturers' case for the existing arrangements in connection with supply to welfare centres. A four-page article by Mr. R. Cecil Owen, B.Sc., summarises recent investigations on vitamines, and the bulk of the number is occupied by practical hints on the sale of Glaxo and other goods.

"Bubbles" (A. & F. Pears, Ltd., London, W.C. 1), the latest number of which begins a new volume, has grown, since we last noticed it, to about twice its original dimensions, and is sumptuously printed. This number is largely taken up with an account of a conference of the company's agents, at which several interesting addresses were given. An editorial page, an article from Lord Leverhulme (with portrait), and a reproduction of Messrs. Pears' first pictorial advertisement are other prominent features. The date of the advertisement is not given, but may be inferred by the older generation of chemists from the use of the possessive "Pears's" and the appended recommendation of the late Dr. Odling, there described as "Professor of Chemistry, St. Bartholomew's Hospital."

Birmingham.

A National Trades and Industrial Exhibition is to be held at Bingley Hall from March 21 to May 21.

Among the recent subscribers to the Lord Mayor's Fund for ex-Service men are Blackwell, Hayes & Co., Ltd.

The number of cases of diphtheria and scarlet fever in the city hospitals is considerably larger than at this time last year. There is also an epidemic of mumps locally.

A lecture on "The Cotswolds" was given by Mr. Partridge (Southall Bros. & Barclay, Ltd.), on March 11, in the Dennis Road Schools. His coloured slides were much appreciated by the audience.

While men were engaged in removing a temporary hoarding at the new premises of Messrs. Nestlé & Co., Edmund Street, a gust of wind caused the boards to collapse, with the result that three people were injured.

A claim for 300*l.* in respect of the use of an anti-rust process was allowed on March 14 by the Inventions Commission sitting in London. The claimants were the Coslett Anti-Rust Syndicate, the holders of patents for an ingenious method of rust-prevention, by which steel and iron had deposited on their surface a hard layer of phosphate of iron, which is rust-proof. Mr. Coslett was formerly in business as a chemist and druggist in Spiceal Street, he succeeding Mr. Sterling Grieves. He has had to defend his patent rights from all quarters of the globe, and has successfully shown that his process is of great merit. It is much used in the cycle and other industries.

Hull

The Hull branch of Bovril, Ltd., is now at 5 George Street.

Under an Order recently promulgated shops in Hull will be closed at 8.30 P.M. on Saturdays, 1 P.M. on Thursdays, and 7.30 P.M. on other days. The exchange of Saturday for Thursday as the early-closing day is optional.

Leicester.

As the result of beating Belvoir United, by five goals to one, on March 10, in the semi-final of the Thursday Cup, Leicester Pharmacy Football Club will meet "The Army" on the "City" ground next month.

Two of Leicester's expert window-dressers, Mr. G. E. Marfitt, chemist and druggist, and Mr. W. Williamson (Young & Sons), are the respective prize-winners in the grocery and pharmacy sections of the window-dressing competition in connection with the current issue of "Display."

Liverpool.

Vacuum flasks form the centre of many window-displays, 2*s.* 9*d.* being a cutting price in the multiple shops.

Pharmacists who were wont to be consulted by seafaring men and others desiring to be directed to experts in venereal diseases note a falling off in these inquiries.

The death is announced of Mr. T. S. Johnson, joint managing director of Johnson Bros. (Dyers), Ltd., aged forty-seven. Mr. Johnson studied chemistry at the Yorkshire College of Science, Leeds, and familiarised himself with methods of factory management in the United States and Germany.

Great sympathy is being expressed throughout the trade with Ayrton, Saunders & Co., Ltd., in the inconvenience caused to them by an extensive fire (see p. 66). Commiseration is extended also to the hundreds of employees whose engagement is interrupted. It is hoped that by resort to temporary accommodation the situation will be relieved. A sad feature of the occurrence is that on March 16 the body of a sergeant of the Liverpool Fire Brigade was found under the *débris*.

Manchester.

Mr. J. C. Kidd, pharmacist, 551 Cheetham Hill Road, is one of the many retiring members of the Manchester Board of Guardians who are putting up for re-election. His many friends wish him every success.

A few of the officials of the Manchester Pharmaceutical Association entertained Mr. F. Pilkington Sergeant, Vice-President of the Pharmaceutical Society, to luncheon at the Midland Hotel on March 9. Those who were present at the meeting which followed received first-hand information of a valuable and interesting character.

By a slip of the pen, "Xrayser II." states, in the *C. & D.* of February 26 (p. 83), "Mr. Mallinson, speaking at Manchester the other week, gave a somewhat curious reason why the Local Associations Executive had fallen in love with the Retail Pharmacists' Union scheme. . . ." As a matter of fact, Mr. Mallinson has not addressed a meeting in Manchester for some considerable time, and the remark credited to him was made by one of the members of the Manchester Pharmaceutical Association.

Sheffield

The local Society's social evening showed no signs of lack of unity among the members.

A second annual ball has been arranged for by the Students' Association. Tickets may be obtained from the secretary of the Association.

Brightside and Carbrook Co-operative Society, Ltd., has purchased the business of the late Mr. T. Mayor, chemist and druggist, Hillsborough. Mr. C. Dann, Ph.C., who has been managing the Portmahon branch of Boots, Ltd., is in charge.

Miscellaneous.

The Wellcome Historical Medical Museum will be closed for redecoration and cleaning from April 1 to April 30 inclusive.

Fire.—While methylated spirit was being taken from a drum in the basement of the shop of Mr. John Cheshire, chemist and druggist, Grantham, on March 9, it became ignited. The outbreak was confined to the cellar, but in putting out the flames Mr. Cheshire sustained burns.

Fatal Accident at Alkali Works.—Four men were fatally gassed on March 15 at the power station of the United Alkali Co., Ltd., Widnes. A cylinder connected with the removal of ashes had become blocked, and two men entered it. As they did not return, two others followed them; they also failed to return. Subsequently a workman, protected by a gas-mask, recovered the bodies of the four men.

Poisonings.—The following cases of fatal poisoning have been recorded since our last report: A verdict of "Suicide while temporarily insane" was returned at an inquest held at Penge, London, S.E., on the body of Edward F. Chipping, jeweller, who, the evidence showed, had taken about half a wineglassful of mineral acid after climbing into a German tank on view at the Crystal Palace.—Frederick Mohrman, skin-dresser, Bow, London, E., committed suicide by taking salt of lemon while of unsound mind.

Cocaine-traffic Cases.—At Bow Street Police Court, London, on March 10, Frederick Sidney and Edmund H. Clayton were each sentenced to six months' hard labour, and Philip Yablobsky to three months' hard labour, for being in unauthorised possession of cocaine.—At the same Court, on March 15, Jack Nyman, tailor, was sentenced to six months' hard labour, and Issy Vigon, tailor, was fined 20*l.*, for unlawfully supplying cocaine to a woman in the street. A similar charge against Jack A. McLean, barman, was withdrawn.

In the Courts.—At Wrexham, on March 7, John R. Sifleet, described as an ex-soldier, was bound over for six months, and was ordered to pay 2*l.* 5*s.* costs, for stealing two bottles of medicine, value 2*s.* 9*d.*, from the shop of Francis & Co., chemists, Town Hill.—At West London Police Court, on March 8, Thomas A. Andrews, drug-store proprietor, 126 Stephendale Road, S.W. 6, was fined 3*l.*, with 2*l.* costs, for assaulting Rose Tustain in his shop. The defence was that he merely pushed the complainant on one side.—At the same Court, on March 9, Leonard Purser (13) was bound over and placed on probation for stealing cinnamon tablets and liquorice-and-menthol pellets from the shop of Morton's Cash Chemists, Ltd., 146 Wandsworth Bridge Road, S.W. 6.—At Hull, on March 11, L. W. Woy, a Chinese seaman, was fined 10*l.* for unlawfully importing opium.

Narcotic Drug Exports.—The Board of Trade (Licensing Section) announce that, as from March 1, 1921, the following headings have been deleted from the list of prohibited exports: (A) Cocaine and its salts and preparations. (A) Opium and its preparations. (A) Opium alkaloids and their salts and preparations, and the following headings substituted therefor: (A) Opium and any preparation thereof containing not less than 0.2 per cent. of morphine or 0.1 per cent. of diamorphine. (A) Cocaine and salts thereof, and any substance containing not less than 0.1 per cent. of cocaine. (A) Diamorphine and salts thereof, and any substance containing not less than 0.1 per cent. of diamorphine. (A) Ecgonine and salts thereof, and any substance containing not less than 0.1 per cent. of ecgonine. (A) Morphine and salts thereof, and any substance containing not less than 0.2 per cent. of morphine.

Lecture on Agricultural Chemicals.—Mr. S. H. Collins, M.Sc., of the Agricultural Department of Armstrong College, Newcastle-on-Tyne, lectured on March 15 to the local Chemical Industry Club on "The Mechanical Conditions of Chemical Products used in Agriculture." Mr. Collins dealt, *inter alia*, with copper sulphate, and said that farmers were quickly realising the advantage of using the fine even crystals which were now driving the coarse lumps out of the market. The theoretical considerations were discussed at some length, and reference was made to the different modes adopted to prevent the formation of lumps. The effect of adding certain impurities to prevent caking by absorption of moisture was illustrated in the case of nitrate of soda and nitrate of lime, the speaker pointing out that in some instances caking was prevented by getting the product pure—for example, by removing magnesium chloride.

Irish News.

Pharmaceutical Society of Ireland.

The latest dates for lodging applications for the April examinations are as follows: Thursday, March 24, for the Preliminary examination; Tuesday, March 29, for the Registered Druggist examination; Wednesday, March 30, for the Pharmaceutical Licence examination; Monday, April 4, for the Pharmaceutical Assistant examination. Applications should be lodged with the Registrar not later than 11 A.M. on the respective dates. [Corrected notice.]

Brevities.

At the annual meeting of the Royal Ulster Yacht Club Mr. W. Muir McMullan (Thomas McMullan & Co., wholesale druggists) was appointed rear-commodore.

In the King's Bench Division, Dublin, on March 15, Margaret Mary Collins obtained an order for payment of alimony *pendente lite* by James Stephen Collins, Ph.C., Kiltimagh, co. Mayo.

Mr. William Patrick Kennedy, Ph.C., Borris, co. Carlow, was shot dead on March 15. Mr. M. J. O'Dempsey, solicitor, who acted for Mr. Kennedy in recent legal proceedings, was also shot, and is not expected to recover. Details of the tragedy are not yet available.

At a meeting of the Council of the Belfast chamber of trade, on March 7, Mr. J. J. C. Culbert, Ph.C., made a statement on the opposition to the proposed Regulations dealing with the sale of dangerous drugs. The chamber is co-operating with pharmacy in an endeavour to remedy the grievances under the Regulations.

Irish Boards of Guardians are now inviting proposals to supply the union workhouses and the various dispensary stations with medicines and medical and surgical appliances for twelve months, from April 1, 1921, till March 31, 1922, inclusive. Belfast District Asylum Committee invite tenders for medicines for six months from April 1.

At Co. Down Assizes, on March 8, Patrick Fagan, an ex-soldier, pleaded "Guilty" to the charge of maliciously breaking two plate-glass windows, value 34*l.*, in the shop of Connor & Sons, chemists, Hill Street, Newry. The Judge said that he would take into consideration the fact that the accused had been one month in prison, and would order him two further months in gaol.

Mr. R. Sunner, of Sunner's Medical Hall, Cork, whose premises were destroyed by the disastrous fire in December (*C. & D.*, January 15, p. 48), has been awarded his claim in full before the Recorder at the County Court. Mr. Sunner, who sought 23,000*l.* for the destruction of his stock and premises, and 4,000*l.* for consequential damages, stated that his stock was value for 6,607*l.* 14*s.* 6*d.*, and his net profits amounted to 600*l.* a year on an average. All he had left after the fire was 5s., the fire sweeping away his life's work. Mr. Henry H. Hill, architect, stated it would take 15,038*l.* 10*s.* 2*d.* to restore the premises and fittings. The Recorder granted 11,028*l.* for the rebuilding, and 15,353*l.* 12*s.* 9*d.* for stock-in-trade, fixtures, loss of profits, etc. Mr. Sunner's name would be joined with Mr. Sykes as co-applicant, the latter to have control over the expending of the sum 11,028*l.* on the building of the premises. The Recorder expressed his deep sympathy with Mr. Sunner in his great loss.

Scottish News.

Edinburgh.

Mr. A. Duncan, chemist and druggist, Leith, will shortly remove his business at 220 Easter Road to No. 212 in the same thoroughfare.

A lecture, the second of a series entitled "Studies in Floral Morphology," was given by Dr. J. McLean Thompson at a recent meeting of the Royal Society of Edinburgh.

G. H. Laird & Son, chemists, Queensferry Street, announce that they have purchased the business of the late Mr. R. L. Hendry, chemist and druggist, Earl Grey Street, and will carry it on as a branch.

Dr. H. E. Watt (T. & H. Smith, Ltd.) and Mr. W. A. Williams (North British Rubber Co., Ltd.) have been elected chairman and vice-chairman respectively of the Edinburgh and East of Scotland Section of the Society of Chemical Industry.

The death is announced of Mr. A. McCallum, J.P., M.R.C.V.S. Shortly after retiring to bed, on March 14, Mr. McCallum had an apoplectic fit from which he did not recover consciousness, and died the following day. He was well known throughout the city as a veterinary surgeon.

Spence & Co., chemists, Howe Street, have purchased Wilkie's Cash Pharmacy Stores, Crichton Place, Leith Walk, together with the adjoining property. Messrs. Spence are also the proprietors of J. Robertson & Co., chemists, and Lyle & Co., wholesale chemists, Circus Place, N.W.

Edinburgh Chemists' Golf Club played the second competition for the season, on March 9, over Murrayfield course with the following result: (1) Mr. J. Finlay (81 scratch); (2) Mr. A. J. Kearney (90-8=82); (3) Mr. A. J. Clark (100-15=85). The next match will be played on March 23 over Cammo course. Entries for the T. & H. Smith hole-and-hole competition must be received by March 26.

Fife.

Fife and East Coast chemists are preparing for Easter trade.

Lochgelly Co-operative Society is shortly opening a drug-store in Main Street.

Mr. Edward Gordon, chemist and druggist, Kelty, has taken up several agencies for toilet requisites.

Mr. P. Fenton, F.C.S., chemist and druggist, Kirkcaldy, is having a toilet-soap and tooth-brush sale.

Glasgow.

Under the auspices of the Glasgow Pharmacy Club a whist-drive and dance was held in the Prince of Wales's Halls, Sauchiehall Street, on March 8. There was a large attendance. For the whist-drive Messrs. Robert Adam & Yates, Ltd., Arthur Berton & Co., Ltd., and Mr. George Crawford (Singapore) gave the prizes, which were won by the following: Ladies: (1) Miss E. Abbott, (2) Mrs. J. Abbott, (3) Mrs. J. Bell, (booby) Mrs. D. S. Robertson; Gentlemen: (1) Mr. R. Isaacs, (2) Mr. D. McLeod, (3) Mr. W. McMaster, (booby) Mr. J. T. McOuat. Mrs. W. Wood Wilson, wife of the President of the club, presented the prizes to the winners. After light refreshments, dancing was engaged in until an early hour of the morning. Messrs. W. Wood Wilson, J. Bell, and A. Watt acted as M.C.s. The next whist-drive is fixed for April 5. The club has received from the Argyll Rubber Co. a beautiful rose-bowl as a whist trophy, to be competed for annually by the lady members of the club. The trophy was on exhibition at the Prince of Wales's Halls.

Very Uncontrolled Eggs.—Mr. A. C. R. Carter, editor of the "Year's Art," relates, in the course of a contribution to a "Morning Post" symposium, that the late Augustus Egg, R.A., was advised by a contemporary to paint a picture entitled "The Albumens Throwing Off the Yoke: by A. Egg." A pretty wit!

Legal Reports.

Overpaid Commission.—In Marylebone County Court, London, on March 10, Odclon, Ltd., eau-de-Cologne manufacturers, Chapter Road, N.W. 2, sued James Frederick Tavener, 43 Little Ealing Lane, W. 5, for the sum of 7*l.* 3*s.* 9*d.*, money overpaid. The plaintiffs' case was that they had employed the defendant as a traveller to canvass chemists on commission for eau de Cologne. They advanced him 10*l.* to go on with, but, as the orders were not coming in according to expectation, the defendant was given notice, and they now sued for the return of the balance. The defendant said that it was very difficult to obtain orders, as trade was bad, and German eau de Cologne was now on the market at a cheaper rate. His honour gave judgment for the plaintiffs for the amount claimed, payable in instalments of 10*s.* a month, and added that they could apply to have the amount of the instalments increased if, in a few weeks' time, the defendant was better off.

Ashes of Roses.—In the Chancery Division of the High Court, London, on March 11, before Mr. Justice Astbury, on a motion by plaintiffs, a settlement was announced of the action brought by Ernest Wertheimer, Paul Wertheimer, and Pierre Wertheimer, trading as A. Bourjois et Cie. and A. Bourjois et Cie., Ltd., against H. J. Lee, trading as Lee & Co. Mr. Sebastian, for the plaintiffs, said they carried on a perfumery business in Paris, and had for many years sold a toilet preparation in this country under the name of "Ashes of Roses" to the extent of many thousands of boxes a year. The defendant, who carried on business at Lancaster, was found to be selling a different preparation, but under the same name as that of the plaintiffs. The parties had agreed to make an end of the matter by treating the motion as the trial of the action, plaintiffs taking an agreed order which provided for an injunction against the defendants and the delivery up of all boxes bearing the name in question. His lordship made an order accordingly.

Carriers' Charges Dispute.—In the Mayor's and City of London Court, on March 10, before Mr. Registrar Wild, a claim was made by Lomisaburo Nagai, tooth paste and powder manufacturer, 385 City Road, against Aug. Levermore & Co., precipitated-chalk makers, 10 Great St. Helen's, E.C., for 1*l.* 11*s.* 6*d.*, the return of money paid for precipitated chalk not delivered. The plaintiff said he gave the defendants an order for precipitated chalk, for which he paid them by cheque amounting to 1*l.* 11*s.* 6*d.* The defendants sent the goods by Pickford, who demanded 6*s.*, which he refused to pay, as he contended he had bought the article carriage paid. He therefore claimed a return of his money. The Registrar said he saw in the defendants' quotation the goods were to be free "ex warehouse." Therefore the plaintiff had to take delivery from the defendants' warehouse, and the carrier was his agent. It was the plaintiff's duty, if he purchased goods under such terms, to take delivery from the warehouse, and for that purpose he would get a delivery order, which he would give to the carrier. He had nothing to do with the charges made by the carrier. The defendants were in the right, and the plaintiff must take the chalk. The 6*s.* charge complained of was not included in the 1*l.* 11*s.* 6*d.* The carriers were not before him, but if the plaintiff thought their charges excessive he should pay them under protest and bring an action to recover the excess. The defendants wanted the money for the goods, and plaintiff must pay. Judgment for the defendants, with costs.

Hot-water Bottle Guarantee.—In the Mayor's and City of London Court, on March 10, before his Honour Judge Jackson, the Reliance Rubber Co., Ltd., 212-13 Upper Thames Street, E.C., made a claim for 4*l.* 1*s.* 8*d.* against Mr. Reginald Evan Parker, chemist and optician, 32 Hertford Road, Coventry, for rubber hot-water bottles supplied. Defendant sent 4*l.* 4*s.* to the Court on account of the debt and costs, and raised a counterclaim for 1*l.* 3*s.* 6*d.* for two faulty "Wear-ever"

hot-water bottles at 10*s.* 6*d.* each, and for 10 per cent. overcharge on goods. Mr. H. Strouts, who appeared for the plaintiffs, said that the hot-water bottles were delivered at 7*s.* 6*d.* each so long ago as April 1919. No complaint was made until March of this year. That was too late. Defendant: The first complaint was made in March 1920. Mr. Strouts, continuing, said that on March 11, 1920, plaintiffs wrote to the defendant:

Upon the matter of hot-water bottles we are in all cases most ready to co-operate and compromise with our customers where a bottle shows any genuine sign of fault, but in the case of the "Wear-ever" which you sent us in a very hopeless condition you have our sincere assurance that it has come to its present condition solely on account of having been grossly over-filled. A technical examination reveals no fault whatever in the rubber. Further than this, you will, no doubt, recall that it is practically a year since these bottles were supplied you, and during that period we have ceased to supply "Wear-ever" bottles, and have substituted the Reliance Moulded Seamless and De Luxe. We are, therefore, compelled to return the new "Wear-ever" bottle which you ask us to exchange, and are sending you a new Reliance De Luxe hot-water bottle at only half the proper charge, feeling that you will approve of our action, as an effort to meet you in a case where neither manufacture nor quality of rubber is at fault.

Miss Boosey, plaintiffs' secretary, in cross-examination, said the reason they gave up selling the "Wear-ever" bottle was because they had another brand which they substituted. In the first place they supplied the "Reliance" rubber bottle, and although the "Reliance" was ordered by the defendant, plaintiffs substituted "Wear-ever." She did not know whether it was true that one of their representatives had stated that they had lost hundreds of pounds over the "Wear-ever" bottle, and that they had to go back to their own manufacture when they could obtain them. Defendant handed to the Judge a "Wear-ever" hot-water bottle, and said it was guaranteed by the plaintiffs. The bottle sent was a substitute. He received it on April 23, 1919, but his order was sent six weeks before that time. He did not complain until March 1920, but that was because on April 24, when the hot-water bottles arrived, the sale of such articles was over for that winter. He had to hold the goods over until the next winter season. The hot-water bottle which he now objected to was sold at Christmas and brought back to him by his customer three months afterwards. Judge Jackson: Rubber is rather a perishable commodity. The Defendant: It is, but hot-water bottles would keep for several years. They were guaranteed to keep in good use for two years by the plaintiffs. A hot-water bottle which would not keep in use is no good to anybody. Judge Jackson suggested it would keep longer if in use than if not in use. The defendant said that was so. Judge Jackson told the defendant he did not think he could be allowed to keep hot-water bottles for a year and then return them. There must be some limit of time. He quite understood the defendant's explanation, but people could not carry on trade like that. The defendant: I have hot-water bottles that will keep good for three or four years. Judge Jackson: If in use they probably will. The defendant: If I had sent them back, plaintiffs would have had to keep them until next year. Judge Jackson: You have some technical knowledge of hot-water bottles? Defendant: Yes, I have been selling them for twenty-five years. There was nothing the matter with these hot-water bottles until they had been put in use. After one had been in use for two or three months it became perished and leaked like a water-can. I have had dealings with the plaintiffs from 1917, and their bottles were quite all right and fully up to their guarantee. Judge Jackson said that the defendant could have sent the bottles back immediately he got them. He examined them and accepted them. Defendant said that the plaintiffs guaranteed the bottles for two years. Judge Jackson decided that the plaintiffs had given no two years' guarantee in that case. If the defendant had a two years' guarantee, good and well. He thought the plaintiffs had dealt very fairly with the defendant in the circumstances. He found for the plaintiffs for 3*l.* 19*s.* 2*d.* on the claim and on the counter-claim, with costs.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

W. G. STUCKEY & CO., LTD. (P.C.).—Capital, 10,000*l.* Objects: To take over the business of a chemist and druggist carried on by W. G. Stuckey at 70 Tottenham Court Road and Down Street, Piccadilly, W. R.O.: 70 Tottenham Court Road, London, W.

ARTHUR T. BAILES, LTD. (P.C.).—Capital, 2,000*l.* Objects: To carry on the business of chemists, druggists, drysalters, oil and colour men, etc. The first directors are: A. T. Bailes and Elizabeth M. Bailes, 19 Ellercroft Road, Lidget Green, Bradford. R.O.: 1252 Leeds Road, Bradford.

EATON CHEMISTS, LTD. (P.C.).—Capital, 500*l.* Objects: To carry on the business of pharmaceutical, analytical, manufacturing, and consulting chemists and druggists, etc. The first directors are: C. F. Palmer, Unthank Road, Norwich, and F. C. C. Robb, 84 Chapel Field Road, Norwich. R.O.: 168 Unthank Road, Norwich.

C. RICHTER & CO., LTD. (P.C.).—Capital, 1,000*l.* Objects: To take over (1) the business of an exporter, importer, general merchant, and manufacturing chemist carried on by C. H. F. Richter at 59-61 New Oxford Street, London, W.C. 1, as "C. Richter & Co.," and (2) the business of an import and export merchant carried on by P. Eric de Rees, of 4 Brunswick Terrace, Hove. The first directors are C. H. F. Richter, 59-61 New Oxford Street, London, W.C. 1, and P. E. de Rees, 4 Brunswick Terrace, Hove.

LEVER BROS., LTD., are making an issue of 4,000,000*l.* seven-per-cent. first mortgage debenture stock 1931-1941 at 92½ per cent. (part of an authorised issue of 15,000,000*l.* first mortgage and debenture stock), full particulars about which are given in our advertising columns.

BORAX CONSOLIDATED, LTD.—The profits for the year ended September 30, after making provision for excess profits duty and corporation tax, were 476,581*l.* (against 442,023*l.* in the previous year). The sum of 50,000*l.* (against 40,000*l.*) is placed to reserve for depreciation of plant, etc., 5,825*l.* (the same) to debenture stock redemption sinking fund, while 4,237*l.* (against 2,871*l.*) is placed to investment reserve. A final dividend of 2*s.* per share on the deferred ordinary shares is proposed, making 15 per cent. for the year (the same); 25,000*l.* (the same) is placed to general reserve; 30,000*l.* (against 20,000*l.*) is placed to income-tax reserve, and 5,000*l.* (the same) is allocated for pensions and grants fund, leaving 119,639*l.* to be carried forward (against 103,348*l.* carried forward in the previous year).

ANGLO-SPANISH TARTAR REFINERIES.—For information only and to comply with the requirements of the Stock Exchange, the Anglo-Spanish Tartar Refineries, Ltd., has issued a prospectus. The company was formed in May last to carry on the business of manufacturing chemists, and in particular to acquire from the Sociedad Anonima Monegal, of Barcelona, a factory with plant and machinery for the manufacture of cream of tartar. The purchase consideration was 30,000*l.*, payable as to 2,500*l.* in cash and the balance in ordinary shares. Subsequently the Astrif Refinerias de Tartaros, in Barcelona, was incorporated to acquire and operate the first factory, together with another factory, for the manufacture of cream of tartar and tartaric acid. Both these are now under the control of the Anglo-Spanish Tartar Refineries, Ltd., which has an issued capital of 117,500*l.* divided into 107,500 ordinary shares of 1*l.* each and 200,000 deferred shares of 1*s.* each, of which 80,000 ordinary and 200,000 deferred shares have been subscribed and allotted for cash. The company was promoted by the Phœnix Chemical Co. (1919), Ltd., which latter has undertaken the technical management of the two factories.

Southall Bros. & Barclay, Ltd.—The report of directors for the year ended December 31, 1920, states that the accounts show that, after providing for bad debts, depreciation, corporation tax, excess-profits duty, income-tax, and directors' remuneration, there is a balance of profit of 25,310*l.* 13*s.* 6*d.* To this must be added the sum of 16,933*l.* 15*s.* 1*d.* carried forward, making a total of 42,244*l.* 8*s.* 7*d.* Out of this has been paid an interim dividend on preference shares of 2,750*l.*, leaving a balance of 39,494*l.* 8*s.* 7*d.*, which the directors recommend should be appropriated as follows: Second half-year's dividend on preference shares at the rate of 5 per cent. per annum (paid January 1, 1921), 2,750*l.*; year's dividend on ordinary shares at the rate of 10 per cent. per annum, free of income-tax, 8,600*l.*; bonus of 6*d.* per share on ordinary shares, free of income-tax, 2,150*l.*; to be written off goodwill, patents, etc., 12,000*l.*; to be carried to reserve, 3,000*l.*; balance to be carried forward to next account, 10,994*l.* 8*s.* 7*d.*; making a total of 39,494*l.* 8*s.* 7*d.* The directors have to announce, with regret, that Mr. A. W. Southall, who had been a director from the formation of the company, retired from the board on June 30, 1920. The directors who retire in accordance with the articles of association are Sir T. Barclay and Mr. E. W. Mann; they are eligible, and offer themselves for re-election.

Boots and United Drug Co.—The advance figures of the annual report for 1920 of the United Drug Co. of America, which now, through Liggett's International, controls the Boots Pure Drug Co., Ltd., and its associated undertakings, show that net sales increased from $58,338,800 to $68,428,200, but that net income declined from $7,163,700 to $6,656,100. After allowing for interest and other charges and setting aside $662,900, against $1,295,500, for depreciation, there is a surplus of $4,487,500, compared with $5,275,000. The balance added to the accumulated surplus, after meeting dividends, is $1,053,600, against $2,497,400, and makes the total in hand $4,745,200. Liggett's International took the revenue from the Boots holding as from March 31, and we shall have to wait (says the "Financial Times") for the appearance of the full accounts to see what the United Drug drew from this source, if anything so far, during the past year. It was mentioned in the *C. & D.* of January 22 (p. 52), that the Boots Cash Chemists Companies were holding, for the first time in their history, an annual sale for the purpose of disposing of surplus stocks, which the new American management considered to be too heavy. The result of this sale now comes by the somewhat roundabout way of the United States. The increase in receipts for the two weeks the sale lasted was 229,000*l.* over the corresponding period of 1920, when, of course, no forced selling of this description was proceeding. The announcement declares that the sale was "of the strictly modern American kind, and was conducted under the methods and merchandising standards which have made the United Drug Co. so successful."

Evans Sons Lescher & Webb, Ltd.—The nineteenth annual meeting was held at 56 Hanover Street, Liverpool, on March 15, Mr. William P. Evans, J.P., chairman of the directors, presiding. In moving the adoption of the report and balance sheet (see *C. & D.*, March 12, p. 50), the chairman gave a general survey of the past year's trading. During the first six months of the year everything was most encouraging, but in the early autumn a slump in markets commenced; the weather, too, during the wet summer and the mild winter was adverse to the sale of the company's specialities. Following this came the falling away of the export trade owing to the exchange question the world over, and he (the chairman) expressed the hope that some means will be found by "the powers that be" to stabilise the exchanges. As stated in the report, the volume of trade done is a record in the history of the company, but, naturally, the fall in prices has affected profits. Premises in Liverpool and London came into the market, and have been secured for the future developments of the business, also giving a further security to the shareholders. The item "Stock in trade" has been carefully and personally valued by the directors, so that the new year has been started with the advantage of reduced values, and the stock will, naturally, be reduced when trade improves and lower values are established. In 1919 a large provision for excess-profits duty was included, and this has now been liquidated. The policy of the directors has been to take back every ex-Service man who applied to be reinstated, "but," added the chairman, "where should we have been during the war if ladies had not come forward and helped us to carry on? I am proud to place on record the wonderful work they did." In conclusion, the chairman took the opportunity of expressing his appreciation of the loyal services of the managers and heads of departments, and confessed himself an optimist as regards the future. Mr. E. Alfred Webb (deputy-chairman), in seconding the motion, pointed out that the Continent is impoverished; it is unable to manufacture as formerly so as to send goods to this country. In consequence, their exchanges have gone against them. "As the French," continued Mr. Webb, "cannot afford to pay 50 fr. for 25 fr. worth of goods, they do not send us their orders. In India, where we in London do a large business, when orders were sent home some six months ago the indentors expected to get 2*s.* worth of goods for every rupee, instead of which they only get goods worth 1*s.* 3*d.* to 1*s.* 4*d.*, and, therefore, they postponed the payments, in hopes that the value of the rupee will improve. In countries like Germany, where they have had some goods to send us, they invoice such goods at a reasonable price, but owing to the exchange we need only pay about one-third of their invoice value, and so the goods arrive on this market at a lower price than that for which they can be made in Germany or here. There is always this trouble after a war, and we provided against it to the best of our judgment last year; but the greatest war in history has been followed, and is being followed, by the greatest slump in history." Messrs. J. Herbert E. Evans, T. Edward Lescher, and Stephen F. Webb were re-elected directors of the company, and Chalmers, Wade & Co. were re-elected auditors. The proceedings terminated with a vote of thanks to the chairman.

College Notes.

Welsh College of Pharmacy.

A meeting of the Welsh College Debating Society was held at Cardiff on March 1, Mr. Highfield, Ph.C., presiding. Mr. E. M. Meredith proposed "That the outlook for the future of pharmacy is very hopeful and promising." The speaker was supported by Mr. L. J. Sanderson. Various amendments were moved dealing with unemployment, remuneration, bacteriology, and the separation of dispensing from prescribing, and were carried by small majorities. An amended motion was then put before the meeting, and, following further discussion, was carried by a small majority. The day was a red-letter day in the annals of the students of Cardiff Technical College, who commenced their St. David's Day celebrations by a successful "rag." Well disguised by the aid of suitable costumes and grease-paints, they paraded the streets of the city, making a collection (which realised 40*l.*) *en route* in aid of the Lord Mayor's Distress Fund. Arriving at Ninian Park (kindly lent by the Cardiff City Football Club), they played the annual match with the medical students of the University College. After a keen game, the Technical College emerged the victors by two goals to one. During the evening a fancy-dress carnival and dance was held. Throughout the celebrations the pharmacy students took a prominent part, Messrs. Meredith & Morris being respectively chairman and secretary of the "rag committee," and Mr. T. Lewis, Ph.C., head of the pharmacy department, acting as M.C. at the dance.

A Smyrna Pharmacy.—The "Independant," of Smyrna, in a recent issue, publishes an account of the alterations made in the pharmacy of M. Georges Moraitis. The new pharmacy can be regarded as a model of its kind, and is able to compete with the best European pharmacies.

Dangerous Drugs Act Regulations.

Home Office Committee.

The Home Secretary has appointed a Committee to consider the outstanding objections to the Draft Regulations under the Dangerous Drugs Act, and to advise what modifications can safely and properly be made, having regard to the main principles on which the Regulations are based and which are essential in the public interest for safeguarding the use of the drugs. The Committee is constituted as follows :

Mr. Chester Jones (chairman).
Sir Malcolm Delevingne, K.C.B.
Captain W. E. Elliot, M.C., M.P.
Major A. C. Farquharson, M.P.
Mr. Gerald A. France, M.P.
Mr. W. J. U. Woolcock, C.B.E., M.P.

The secretary of the Committee is Mr. A. H. Anderson, of the Home Office.

M.P.'s at House of Commons Meeting.

The following is a list of members of Parliament who were present at the meeting at the House of Commons on March 9, when a committee was appointed to secure that the Regulations under the Dangerous Drugs Act are properly drawn, and that expert advice is employed to assist the Home Office Civil servants. It is suggested that chemists residing in any of the constituencies mentioned below should write a personal letter of thanks to their member for the interest taken in the matter.

Adair, Rear-Admiral T. B. S., Glasgow.
Adamson, W., Fife.
Allen, Lt.-Col. W. J., Armagh.
Archdale, E. M., Fermanagh.
Astbury, Lt.-Com. F. W., Salford.
Atkey, A. R., Nottingham.
Bagley, Capt. E. A., Lancaster.
Barnston, Major H., Chester.
Barrand, A. R., York, Pudsey, and Otley.
Barrie, C. C., Banff.
Barton, Sir W., Oldham.
Bell, Lt.-Col. W. C. H., Devizes.
Benn, Sir A. S., Plymouth.
Benn, Capt. W., Leith.
Betterton, H. B., Nottingham.
Bigland, A., Birkenhead.
Bird, Sir A., Wolverhampton.
Blair, Sir R., Poplar.
Boyd-Carpenter, Major A., Bradford.
Bramsdon, Sir T., Portsmouth.
Brassey, Major H. L. C., Peterborough.
Breese, Major C. E., Carnarvon.
Bromfield, W., Leek.
Brown, J., South Ayrshire.
Bruton, Sir J., Gloucester.
Butcher, Sir J. G., York.
Cape, T., Workington.
Carew, C. R. S., Tiverton.
Carter, W., Mansfield.
Cecil, Lord R., Hitchin.
Chamberlain, N., Birmingham.
Chilcott, Lt.-Com. H. W., Liverpool.
Clay, Lt.-Col. H. H. S., Tonbridge.
Cohen, Major J. B., Liverpool.
Colvin, Brig.-Gen. R. B., Epping.
Coote, C. R., Isle of Ely.
Cowan, D. M., Scottish Universities.
Craik, Sir H., Scottish Universities.
Croft, Lt.-Col. H. P., Bournemouth.
Curzon, Com. Viscount, Battersea.
Dalziel, Sir D., Brixton.
Davies, A. T., Lincoln.
Davison, J. E., Smethwick.
Davison, Sir W. H., Kensington.
Dennis, J. B., Birmingham.
Devlin, J., Belfast.
Dewhurst, Lt.-Com. H., Northwich.
Donnelly, P., Armagh.
Doyle, N. G., Newcastle-on-Tyne.
Edwards, G., S. Norfolk.
Edwards, Major J., Aberavon.
Edwards, J. H., Neath.
Evans, Capt. E., Cardigan.
Falle, Major Sir B. G., Portsmouth.
Farquharson, Major A. C., Leeds.
Fildes, H., Stockport.
Finney, S., Burslem.
Ford, P. J., Edinburgh.
Foreman, Sir H., Hammersmith.
France, G. A., Batley and Morley.
Fremantle, Lt.-Col. F. E., St. Albans.
Galbraith, S., Spennymoor.
Ganzoni, Capt. Sir F. J. C., Ipswich.
Gardiner, J., Perth and Kinross.
Gilbert, J. D., Southwark.
Glyn, Major R., Stirling.
Green, J. F., Leicester.
Gregory, H., Derby.
Gretton, Col. J., Burton.
Grundy, T. W., York, W.R., Rother Valley.
Guest, J., York, W.R., Hemsworth.
Hailwood, A., Ardwick.
Hall, Capt., Sir D. B., Isle of Wight.
Hall, F., York, W.R., Normanton.
Hamilton, Major C. G. C., Altrincham.
Harmood-Banner, Sir J. S., Everton.
Herbert, Hon. A., Yeovil.
Hinds, J., Carmarthen.
Hirst, G. H., York, W.R., Wentworth.
Hogge, J. M., Edinburgh.
Hohler, G. F., Rochester.
Holbrook, Col. Sir A. R., Basingstoke.
Hope, Lt.-Col. Sir J. A., Peebles.
Hopkins, J. W. W., St. Pancras.
Hotchkin, Capt. S. V., Horncastle.
Hunter-Weston, Lt.-Gen. Sir A. G., Ayr and Bute.
Hurst, Lt.-Col. G. B., Manchester.
Jackson, Hon. F. S., York, E.R., Howdenshire.
James, Lt.-Col. Hon. C., Bromley.
Jephcott, A. R., Birmingham.
Jesson, C., Walthamstow.
John, W., Rhondda.
Johnstone, J., Renfrew.
Jones, Sir E., Pembroke.
Jones, H. H., Merioneth.
Jones, J. J., Silvertown.
Jones, J. T., Llanelly.
Kelley, Major F., Rotherham.
Kenworthy, Lt.-Com. J. M., Kingston-on-Hull.
Kenyon, B., Chesterfield.
Kidd, J., Linlithgow.
Kiley, J. D., Stepney.
King, Capt. H. D., N. Norfolk.
Kinloch-Cooke, Sir C., Devonport.
Law, A. J., Rochdale.
Lewis, T. A., Pontypridd.
Lloyd, G. B., Shrewsbury.
Lorden, J. W., St. Pancras.
Lunn, W., York, W.R., Rothwell.
Lynn, R. J., Belfast.
McCurdy, C. A., Northampton.
McDonald, Dr. B. F. P., Wallasey.
Macdonald, J. M., Stirling and Falkirk.
Mackinder, Sir H. J., Glasgow.
McLaren, R., Lanark.
Maclean, Sir D., Peebles.
McMicking, Major G., Galloway.
Macpherson, J. I., Inverness.
Manville, E., Coventry.
Martin, Capt. A. E., Romford.
Mason, R., Wansbeck.
Mildmay, Col. F. B., Totnes.
Molson, Major J. E., Gainsborough.
Moreing, Capt. A. H., York, E.R., Buckrose.
Morgan, Major D. W., Rhondda.
Morrison, H., Salisbury.
Morrison-Bell, Major A. C., Honiton.
Murchison, C. K., Kingston-on-Hull.
Murray, Major W., Dumfries.
Nall, Major Joseph, Hulme.
Nield, Sir H., Ealing.
Norman, Sir H., Blackburn.
Norris, Col. Sir H. G., Fulham.
Norton-Griffiths, Sir J., Wandsworth.
O'Neil, Hon. R. W. H., Antrim.
Ormsby-Gore, Hon. W., Stafford.
Parkinson, J. A., Wigan.
Parry, Lt.-Col. T. H., Flint.
Percy, C., Tynemouth.
Perring, W. G., Paddington.
Pickering, Lt.-Col. E. W., Dewsbury.
Purchase, H. G., Kennington.
Rankin, Capt. J. S., East Toxteth.
Ratcliffe, H. B., Bradford.

Raw, Lt.-Col. N., Wavertree.
Rendall, A., Thornbury.
Richardson, A., Gravesend.
Roberts, S., Hereford.
Robinson, Sir T., Lancaster.
Rodger, A. K., Rutherglen.
Rose, F. H., Aberdeen.
Royce, W. S., Holland with Boston.
Samuel, A. M., Farnham.
Samuel, S., Wandsworth.
Scott, A. M., Glasgow.
Scott, Sir S., St. Marylebone.
Shaw, Hon. A., Kilmarnock.
Shaw, W. T., Forfar.
Sprott, Sir A., Fife.
Stanton, C. B., Merthyr Tydfil.
Steel, Major S. S., Ashford.
Stewart, G., Wirral.
Sturrock, J. L., Montrose.
Surtees, Brig.-Gen. H. G., Gateshead.
Sutherland, Sir W., Argyll.
Swan, J. E. C., Barnard Castle.
Taylor, J., Dumbarton.
Thomas, J. H., Derby.
Thomson, T., Middlesbrough.
Thorne, G. R., Wolverhampton.
Townley, M. G., Bedford.
Tudor-Rees, Capt. J., Barnstaple.
Vickers, D., Sheffield.
Wallace, J., Dunfermline.
Ward-Jackson, C. L., Leominster.
Waring, Major W., Blaydon.
Warner, Sir T. C. T., Lichfield.
Watson, Capt. J. B., Stockton-on-Tees.
White, C. F., Derby.
White, Lt.-Col. G. D., Southport.
Wigan, Brig.-Gen. J. T., Abingdon.
Williams, A., Consett.
Williams, C., Tavistock.
Williamson, Sir A., Moray and Nairn.
Willoughby, Lt.-Col. Hon. C., Rutland.
Wills, Sir G., Weston-super-Mare.
Wilson, M. J., York, W.R., Richmond.
Wilson-Fox, H., Tamworth.
Winfrey, Sir R., S.W. Norfolk.
Wood, Sir J., Stalybridge.
Wood, Major M. M., Aberdeen.
Woolcock, W. J. U., Hackney.
Yeo, Sir A. W., Poplar.
Young, W., Perth.

Veterinary Deputation.

Recently a deputation of representatives of veterinary associations waited on the Home Secretary. It was stated by the deputation that there is a unanimous feeling in favour of excluding entirely from the Regulations the supply of drugs for agricultural purposes. There have been no complaints in regard to misuse of the drugs supplied for farm stock, and no justification arose for imposing the Regulations on agriculturists, who have already suffered very much from Government control. The only solution is to allow chemists and veterinary surgeons to supply the drugs to *bona-fide* farmers whom they know personally. Farmers do not object to the imposition of a heavy penalty for misuse, but they wished to protest against any system of licences. Sir John McFadyen thought there might be some method of denaturing the drugs so as to render them unfit for human use, while preserving their value in the case of animal diseases. Sir Malcolm Delevingne, who represented Mr. Shortt, assured the deputation that the Home Secretary is prepared to dispense with the Regulations so far as that is compatible with public safety and national obligations.

A Letter to M.P.'s.

Mr. Donald G. Pont, secretary of the County of Worcester Pharmaceutical Committee, has forwarded the following letter to all members of Parliament for Worcestershire :

On behalf of my Committee, I am instructed to draw your attention to the Draft Regulations issued by the Home Office under the Dangerous Drugs Act, and to point out that—

(1) They are quite unworkable in their present form.

(2) They would impose on medical men and pharmacists cumbrous and impracticable conditions.

(3) They would prevent the public from obtaining useful and necessary domestic medicines.

(4) Doctors, dentists, veterinary surgeons, pharmacists, and agriculturists are unanimous in their condemnation of the Regulations as an unnecessary interference with the legitimate conduct of their calling.

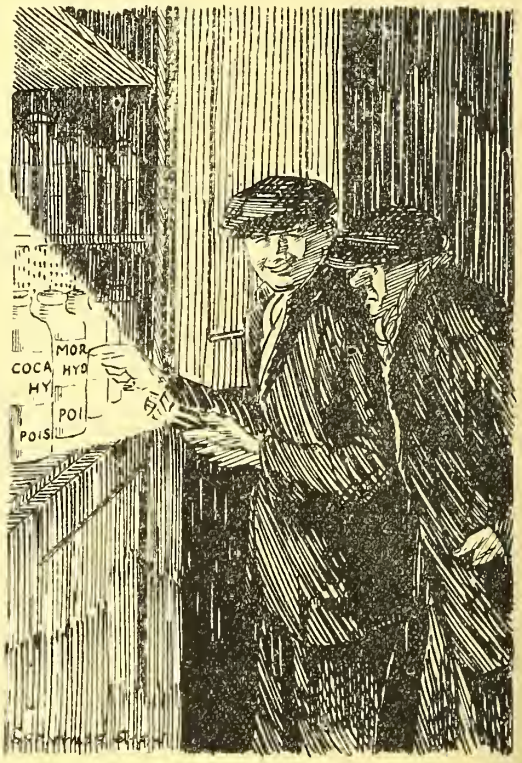
(5) Medical, pharmaceutical, etc., Societies throughout England, Scotland, Ireland, and Wales have separately and conjointly approached the Home Office with a view to the Regulations being examined and re-drafted by a Committee of experts, but such has been turned down by the Home Office officials.

(6) The correspondence which has passed between the various Societies and the Home Office has been published in "The Times" and other well-known papers in England and Scotland, and the unanimous opinion expressed therein is a strong condemnation of the Regulations and the Home Office methods.

(7) The ultra-bureaucratic and tactless methods of the Home Office officials should receive severe censure from our representatives in the House of Commons.

(8) The dope fiend does not obtain his or her supplies through legitimate channels, but usually through smuggled alkaloid, and therefore Regulations of an unworkable and hampering character should not be imposed upon those carrying on legitimate medical, pharmaceutical, etc., practice, such Regulations causing expense and inconvenience to the public and additional expense to the State in the form of a fresh Department, inspectors, etc., without in any way stopping the evil it purports to prevent.

The letter concluded by asking the member to be present at the meeting in the House of Commons on March 9.



Dope Merchant (burgling Wholesale Chemist's): "Here's the stuff all right, Cuthbert, but I do believe I've been and forgot me doctor's prescription!"

Gazette.

Bankruptcy Acts.

Receiving Order.

Slade, J., and Walker, J. A. R., 9 Corporation Street, Stalybridge, vendors of drugs, toilet requisites, and fancy articles, under the style of the Hopex Drug Co.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Key Industries Bill.

The Prime Minister stated on March 15, in the House of Commons, that the German Reparations Bill will not affect in any way the promised legislation for protecting "key" industries.

Index Number.

Dr. Macnamara, on March 9, stated in the House of Commons that the total number of persons whose wages or salaries are regulated directly in accordance with the movements of the index number relating to cost of living, which is prepared by the Ministry of Labour, is estimated to be nearly 1,500,000.

The Dental Bill.

The Minister of Health stated, in the House of Commons, on March 10, that he is hoping to confer shortly with the various representative organisations concerned, with a view to the introduction of the Dental Bill as an agreed measure, but he is not in a position to name any definite date for its introduction.

Poppy Cultivation in China.

Mr. Harmsworth, Under-Secretary of State for Foreign Affairs, stated in the House of Commons, on March 14, that there appears to be an extensive recrudescence of the cultivation of the poppy in the provinces of Fukien and Yünnan, and as the result of the present disordered state of China, many other provinces are also drifting rapidly back to the state of things existing before the opium treaties.

Bee Diseases.

Sir R. Sanders, in reply to a question regarding the introduction of legislation dealing with bee diseases, said the Minister of Agriculture is aware that many of the bee-keepers' associations are in favour of legislation to control the spread of diseases, though it appears that many bee-keepers are strongly opposed to the proposals contained in the Bill introduced last Session. For reasons of national economy, no further progress will at present be made with the Bill. In the meanwhile, it is hoped that bee-keepers will take steps to organise themselves in order to arrive at a means of expressing an agreed opinion on the measures to be taken for the protection and furtherance of the industry.

The Profiteering Acts.

Lieut.-Com. Kenworthy, on March 14, asked the President of the Board of Trade whether it is intended to hold a conference of members of the Central Profiteering Committee to consider the value or otherwise of the middlemen; whether the various Committees on profiteering have found that the retail traders of this country are in very few cases the culprits; and whether he can give an undertaking that retail traders will not be harassed and interfered with further by his Department.

Sir R. Horne replied that, upon the whole, Committees established under the Profiteering Acts have not found profiteering prevalent either among wholesalers or retailers, but he believed that the suggestion that retail traders have been harassed and interfered with is greatly exaggerated.

Venereal Diseases.

In the House of Lords on March 16, Lord Willoughby de Broke called attention to the report of an unofficial Committee on Venereal Diseases, and asked the Government what steps were being taken to give effect to its findings, and moved that the report should be printed and issued as a Parliamentary paper. He said the rate of venereal infection in this country was a matter of grave public concern. Nothing very much was being done to deal with the evil, and the Government should declare their policy with regard to the whole problem. The Bishop of London quoted an authority to the effect that even in the Army a system of self-disinfection, except under skilled instruction, was practically valueless. Viscount Knutsford mentioned that 23,000 new cases of venereal disease were treated in the London Hospital last year. Viscount Peel, replying for the Government, said that Lord Astor's Departmental Committee reported unanimously against self-disinfection of members of the civilian population, and they came to that conclusion after considering the war experience of the several armies. The Government would incur a serious responsibility if they allowed the impression to be conveyed that self-disinfection was a certain safeguard against disease. The whole problem of the treatment of the disease was at present or very shortly to receive the attention of the Cabinet, and the statements made in the course of the debate would be carefully considered. The report was not an official report, and it would be an extraordinary precedent if sanction were given to the printing as a Parliamentary paper of the report of an unofficial Committee. On a division, Lord Willoughby de Broke's motion was negatived by 29 votes to 9.

Bankruptcy Reports.

Re Joseph Vine (trading as the Toilet Supply Co.), manufacturer of toilet preparations, 222-4 Harrow Road, London, W.—This debtor filed his petition on March 1 at the London Bankruptcy Court, and on March 14 the first meeting of creditors was held before Mr. Walter Boyle, Official Receiver, when a draft statement of affairs was submitted, showing liabilities 7,824*l.*, against assets expected to produce 2,032*l.* 9*s.* 9*d.* The chairman reported that the deficiency was mainly accounted for by loss on the trading 1,350*l.*, and depreciation in the value of stock and stationery, nearly 3,000*l.* The debtor had carried on business as a manufacturer of toilet preparations and a general dealer in soaps. Mr. H. Jones (Sterns, Ltd.) said this was a matter calling for the fullest investigation. He understood that large sums had been paid out to the family within the past twelve months. The chairman said the debtor's conduct would be fully inquired into. A resolution was passed for Mr. H. Buckingham, accountant, 24 Rood Lane, E.C., to act as trustee and administrator of the estate in bankruptcy, with the assistance of the following committee of inspection, viz.: Mr. E. Middlemiss (Yardley & Co., Ltd.), Mr. H. Jones (Sterns, Ltd.), and Mr. W. Broadley (James Broadley, Ltd.).

Ernest George Hill (lately trading as Hill Bros.), chemical export and import merchant, 5 Fenchurch House, Fenchurch Street, London, E.C.—The first meeting of creditors in this case was held at the London Bankruptcy Court, on March 10, before Mr. F. T. Garton, Official Receiver. The receiving order was made on February 23 upon the petition of a creditor. The Chairman reported that the debtor had stated that in the summer of 1918 he entered into partnership with his brother, Arthur John Hill, in the above business; the capital of 1,000*l.* was provided by his brother, and on the retirement of the latter three months later the debtor borrowed 660*l.*, out of which he repaid his brother 600*l.* and agreed to pay the balance by instalments within twelve months. In August 1919 he converted the business into a limited company, with a nominal capital of 30,000*l.* As vendor, he received 7,000 shares of 1*l.* each, and a similar number was allotted to the gentleman who had advanced the 660*l.* and who then paid a further consideration of 1,500*l.* The debtor acted as managing director, at a salary of 650*l.* per annum. The company continued the business successfully for a time, but owing to the slump in trade, depreciation in the value of stock, and loss on the exchange of francs and lire, in January last it went into compulsory liquidation, owing the debtor 350*l.* No statement of affairs had been lodged, but the debtor estimated his liabilities at 450*l.*, apart from certain guarantees and a disputed account with Harrods, and had no assets, as no value was placed upon his shares in the company. He attributed his insolvency to the failure of the company and consequent loss of income, and to heavy interest charges. The case was left with the Official Receiver. (See also *C. & D.*, February 26, p. 71.)

German Reparations Bill.

The German Reparations (Recovery) Bill, which was laid before the House of Commons by the Prime Minister on March 11, passed the second reading on March 14 without a division and was committed to a Committee of the whole House. The main provisions have already been outlined, but, shortly, the Bill proposes that the Treasury will prescribe from time to time the payment of part of the purchase price of imported German goods, not exceeding 50 per cent., to the Customs Commissioners, and the proceeds will be applied towards the discharge of Germany's obligations under the Treaty of Versailles. It has been indicated that the full 50 per cent. is to be diverted immediately into the reparations fund. The Act will apply not only to goods consigned direct from Germany to the United Kingdom, but to all goods of German origin. Goods will be classed as of German origin if 75 per cent. of their value is attributable to manufacture or production in Germany. It is provided in the first place that the Act shall not apply to goods coming to this country for re-export. Satisfactory security for re-exportation will be required. The value of the goods will not include the cost of freight or insurance. In respect of goods originally shipped from this country to undergo any process in Germany, the value of the goods in the stage of manufacture in which they left these shores will be deducted from their enhanced value on return, and the amount to be paid to the Customs Commissioners will be 50 per cent. of the sum contracted to be paid for the execution of the German process. The Act will apply to all payments to Germany after March 8, but where it is proved that the sum payable to the Commissioners exceeds the amount remaining due from the importer the payment to the Commissioners shall be reduced by the amount of such excess. In respect of contracts already entered into an importer may make application to the High Court, and the Court, "if satisfied that by reason of the provisions of this Act the enforcement of the contract according to its terms would result in serious hardship to him," may suspend or annul or, with the consent of the parties, amend the contract. [A modification in favour of existing contracts was secured in Committee, and payments in respect of transactions made before March 8 are to be exempt provided the goods are cleared before April 15.] Very wide powers are given to the Board of Trade, in respect of any classes of articles, to vary the proportion of the value payable to the Commissioners or to exempt them altogether. The Board may also, in respect of any classes of articles, vary the percentage of value attributable to manufacture or production in countries other than Germany which excludes them from the operation of the Act, and it may extend the classes of contract eligible for review by the High Court provided, in all these cases, that the Board shall not make an order except on the recommendation of a committee consisting mainly of persons of financial, commercial, or industrial experience.

Text of the Bill.

I.—(1) Subject to the provisions of this Act, on the importation into the United Kingdom of any German goods to which this Act applies, the importer shall pay to the Commissioners of Customs and Excise (hereinafter referred to as the Commissioners) such proportion of the value of the goods, not exceeding 50 per cent., as the Treasury may from time to time prescribe.

(2) The payment of any sum to the Commissioners under this section shall, up to the amount of the payment, operate as a good discharge to the person by or on whose behalf the payment is made as against the person to whom the purchase price of the goods in question is due; and the receipt of the Commissioners shall be conclusive evidence of such payment.

(3) The Commissioners shall pay all moneys received by them under this section into such special account as the Treasury may direct, to be applied in such manner as the Treasury may direct towards the discharge of the obligations undertaken by Germany under Parts VIII. and IX. of the Treaty of Versailles.

II.—The German goods to which this Act applies are goods first consigned from Germany to the United Kingdom, and goods not so consigned being goods wholly manufactured or produced in Germany, or goods partly so manufactured or produced where less than 25 per cent. of the value thereof is attributable to manufacture or production in any country or countries outside Germany:

Provided that, subject to compliance with such conditions as to security for re-exportation of the goods as the Commissioners may impose, this Act shall not apply to goods imported for exportation after transit through the United Kingdom, or by way of transhipment.

Determination of Value.

III.—(1) The value of any imported goods shall for the purposes of this Act be taken to be the amount which an importer would give for the goods if the goods were delivered to him at the place of importation, freight and insurance being payable by him, and for the purpose of ascertaining the amount to be paid under this Act to the Commissioners that value shall be fixed by them:

Provided that in the case of goods proved to the satisfaction of the Commissioners to be goods brought back into the United Kingdom after having been exported therefrom for the purpose of undergoing any process in Germany, the value of the goods for the purposes of this Act shall be taken to be such value as aforesaid after deducting therefrom such amount as is proved to the satisfaction of the Commissioners to have been the value of the goods free on board at the time of exportation, and the sum contracted to be paid for the execution of the process shall be deemed to be the purchase price.

(2) If in ascertaining the amount to be paid under this Act any dispute arises as to the value of the goods, such question shall be referred to a referee appointed by the Treasury, and the decision of the referee with respect to the matter in dispute shall be final and conclusive.

(3) Sections 30 and 31 of the Customs Consolidation Act, 1876, as set out and modified in the schedule to this Act shall apply to disputes as to the sum payable to the Commissioners under this Act.

(4) It shall be lawful for the Commissioners in the case of any goods to require the importer to furnish particulars in the prescribed manner as to the country of manufacture or production of the goods, and if the particulars are not furnished to the satisfaction of the Commissioners the goods shall for the purposes of this Act be deemed to be goods wholly manufactured or produced in Germany.

(5) Where it is proved to the satisfaction of the Commissioners that, by reason of any payment or advance made, consideration given, or obligation undertaken, before March 8, 1921, the sum payable to the Commissioners under the foregoing provisions of this Act exceeds the amount remaining due from the importer in respect of the goods imported, the sum payable to the Commissioners shall be reduced by the amount of such excess.

IV.—(1) Where any person is under a contract entered into before March 8, 1921, liable to accept bills of exchange or make advances in connection with the importation of any goods, he may apply to the High Court, and the Court, if satisfied that by reason of the provisions of this Act the enforcement of the contract according to its terms would result in serious hardship to him, may, after considering all the circumstances of the case and the position of all the parties to the contract and any offer which may have been made by any party for a variation of the contract, suspend or annul, or with the consent of the parties amend, as from such date as the Court may think fit, or stay any proceedings for the enforcement of, the contract or any term thereof or any rights arising thereunder on such conditions (if any) as the Court may think fit.

(2) The Lord Chancellor may make such rules and give such directions as he thinks fit with respect to the procedure on applications under this section, and such rules may provide as to the notice to be given to other parties to the contract and the manner of giving such notice.

Committees of Experts.

V.—(1) The Board of Trade may by order:

(*a*) Reduce as respects articles of any class, make, or description the proportion of the value of the goods payable to the Commissioners under this Act, or exempt articles of any class, make, or description from the provisions of this Act;

(*b*) Vary as respects articles of any class, make, or description the percentage referred to in section 2 of this Act;

(*d*) Extend the classes of contract to which Section 4 of this Act relates:

Provided that the Board of Trade shall not make any such order except on the recommendation of a committee constituted as hereinafter provided.

(2) For the purposes aforesaid the Board of Trade shall appoint one or more committees consisting mainly of persons of financial, commercial, or industrial experience.

VI.—If a resolution is passed by both Houses of Parliament for the suspension of this Act it shall be lawful for his Majesty in Council by Order to suspend the operation of this Act to such extent and for such period, definite or indefinite, as may be specified in the resolution.

Sections 30 and 31 of the Customs Consolidation Act as modified read as follows:

30. If any dispute arises as to the proper amount payable in respect of any goods the importer or consignee or his agent shall deposit in the hands of the collector of Customs at the port of entry the amount demanded by such collector, which shall be deemed and taken as the proper sum payable under this Act unless an application is made for a reference to a referee appointed by the Treasury within three months after such deposit to ascertain what sum is payable in respect of such goods, and on payment of such deposit and on the passing of a proper entry for such goods by the importer, consignee, or agent, the collector shall allow the delivery thereof.

31. In case no such application for a reference is made, such deposit shall be applied in the same manner as if it had originally been paid and received as a payment due under this Act in respect of such goods, and in the case of such application if it shall be determined that the sum so deposited was not the proper sum, but that a less sum was payable, the difference between the deposit and the sum found to be due shall be returned to such importer with interest at the rate of 5 per cent. per annum for the period during which the sum so paid or returned was deposited, and shall be accepted by such depositor in satisfaction of all claims in respect of the importation of such goods and of all or any damages or expenses incident thereto.

Discussions in Parliament.

The Prime Minister, on March 10, further explained the meaning of the proposals for collecting reparation for war damage from Germany. In the course of his speech he said it is perfectly true that there are some German exports which you must have in this country, but that has been inquired into. The only German goods that are absolutely essential, and that are quite indispensable to this country, are aniline dyes. The first fact is that we have in this country between twelve and fifteen months' supplies of aniline dyes. The second fact is that three-fourths of the factories that manufacture aniline dyes are in the occupied area. The third not irrelevant fact is that, by the Treaty, Germany is bound to supply, on demand, one-third or one-fourth of her aniline dyes to the Allied countries. First of all, then, we have twelve or fifteen months' stocks; then we have the call on Germany for a sufficient quantity of aniline dyes under the Treaty; and, thirdly, the aniline dye factories, to the extent of three-fourths, are in occupied territory. He did not know of any other import of German goods which is indispensable to this country.

The Bill was presented on March 11 by the Prime Minister and read a second time on March 14.

The Chancellor of the Exchequer moved the second reading on March 14. He summarised the Bill as follows: The first clause provides that 50 per cent. of what is due as payment for German goods, or such percentage as the Treasury may prescribe, shall be paid, not to Germany, but to the Treasury through the Customs, on account of German reparation. Clause 2 defines German goods as goods first consigned from Germany, and, secondly, goods consigned from elsewhere, of which less than 25 per cent. of the value is attributable to production outside Germany. It further provides that the Act shall not apply to transhipment goods or goods in transit. Clause 3 contains provisions for ascertaining the value of the goods. It provides that the value of the goods, for the purposes of the Act, is to be the f.o.b. value, but, in the case of goods consigned to Germany, to have a process to be performed upon them, the Act is to apply only to the increased value resulting from that process. In all cases what we take is the German value of the goods. In addition, it is provided in this clause that when a person would be out of pocket on account of an advance made, because he did not retain the full proceeds of the goods sent here against such advance, he should be allowed to deduct from the sum payable to the Commissioners the amount necessary to prevent his being so out of pocket. Provision is further made for the settlement of disputes as to value and for the furnishing of certificates of origin. By Clause 4 provision is made for persons who have made contracts to accept bills, to apply to the Court for suspension, annulment, or, with the consent of the parties, variation of the contract, when the enforcement of the contract would result in serious hardship in consequence of circumstances arising out of this Act. Clause 5 provides that, on the recommendation of a committee or committees, which are to consist mainly of business and financial men, the Board of Trade may, as respects articles of any class, make, or description, reduce the percentage payable to the Commissioners, or vary the percentage referred to in Clause 2, and may also extend the classes of contract to which Clause 4 relates. Finally, Clause 6 provides that in the contingency of our arriving at an agreement with Germany, then by resolution of both Houses the Act may be suspended by Order in Council to such extent and for such periods, definite or indefinite, as may be specified in the resolution.

The Chancellor then referred to the aniline dyes question in similar terms to those used by the Prime Minister on March 10, and concluded by stating that in the present condition of trade there is no difficulty whatever for this country to do without German goods if the Germans refuse to co-operate.

The Committee stage took place in the House of Commons on March 16. The Chancellor of the Exchequer explained that the Government has not fixed the import rate at 50 per cent., but whatever rate is imposed it would be the same for every trader. An amendment was agreed to that the Bill should not apply to contracts entered into before March 8 provided the goods reached this country before April 15. If they arrived later the committee of business men appointed under Clause 5 might adjudicate upon the matter and grant exemption in case of hardship. The Prime Minister intervened in the discussion which arose on an amendment moved by Colonel Guinness, which proposed that the levy should not be made until the German Government had agreed to reimburse their exporters, and that until that time the proceeds of the levy should not be pooled. Mr. Lloyd George urged the House not to fetter the action of British representatives at future Conferences by a limiting direction of this kind. He believed that the Bill would simply operate as a penalty on German trade, and the question was "How long would Germany hold out?"

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, March 22.

Thanet Chemists' Association, Christ Church Parish Hall, Ramsgate. Dr. J. Stanley White on "Ductless Glands."

Wednesday, March 23.

National Association of Women Pharmacists (Edinburgh Group), 36 York Place, Edinburgh, at 6.30 P.M. Whist-drive (in aid of the Benevolent Fund).

Public Pharmacists' Association, 17 Bloomsbury Square, London, W.C., at 8 P.M. Mr. J. F. Ward, B.Sc., on "Colloids in Medicine and Pharmacy."

South-Western Federation of Pharmaceutical Associations, Athenæum, Plymouth, at 3.30 P.M. The President (Mr. H. E. Matthews) and Mr. P. F. Rowsell will speak on "The Retail Pharmacists' Union."

National Association of Women Pharmacists (London Group).—The annual meeting will be held on April 21. Nominations for the Committee should be sent to Miss E. K. Fordyce, Westminster Infirmary, Fulham Road, S.W., before April 2.

Liverpool Chemists' Association.—The annual smoking concert will be held in the Adelphi Hotel at 7 P.M. on March 30. Proceeds in aid of the Benevolent Fund of the Pharmaceutical Society. Tickets (2*s.* 6*d.* each) from members of the Council or from the Secretary.

Cardiff Pharmacists' Association.—The last whist-drive of the series in aid of the Society's Benevolent Fund will take place at the Bungalow Café, Cardiff, on March 30. Tickets (3*s.* 6*d.* each) from Messrs. D. Brims, J. Murray, S. B. Eason, E. G. Howell, S. H. Willis, and Mr. Edwin Poole, 29 Ladysmith Road.

Ipswich and Suffolk Chemists' Association.—The inaugural dinner will be held at the Grand Hotel, Ipswich, on April 6, at 7 P.M. Morning dress. Tickets (10*s.* 6*d.* each) from the Secretary, Mr. J. A. Symonds, 16 Upper Brook Street, Ipswich. Afternoon meeting for employer pharmacists at 4 P.M. Address by Mr. Mallinson.

Pharmaceutical Society of Ireland.

Council-meeting.

The monthly meeting was held at 67 Lower Mount Street, Dublin, on March 8. Dr. A. J. Barnes (Vice-President) occupied the chair in the absence of the President in London. The following members of the Council were also present: Dr. J. A. Walsh, Messrs. G. D. Beggs, J.P. (hon. treasurer), D. M. Watson, John Smith, Victor E. Hanna, J. Carroll Culbert, Fred Storey, Charles E. Digges, A. Owen Wells, James Tate, James Michie, and G. A. McLean Lee.

The Late Mr. T. N. Moffitt.

The Vice-President said his first duty was a sorrowful one—that of having to record the death of Mr. T. N. Moffitt, of Belfast, who had been for many years a member of the Council. Last month he was with them at their meeting, apparently in the best of health, and he (Dr. Barnes) and his other Dublin colleagues were very much shocked to hear of his death a few days afterwards. He was a man of the most sterling qualities, and of such a personal character as would make his closest friends miss him very much. His conduct as a member of the Council left no doubt in the mind of any of them that he had the Pharmaceutical Society of Ireland sincerely at heart; and it was from that point of view that his loss would be very much felt by the trade throughout the country. He moved that an expression of the deepest sympathy and sincere condolence be sent to Mr. Moffitt's widow in her great bereavement.

Mr. James Tate seconded, and referred to the loss the Council had sustained by the death of a worthy colleague, a man of sterling character, true as steel, pure as gold. In their journeys to Dublin he had the pleasure of association with Mr. Moffitt, whom he placed in the highest ranks of pharmacists. Those who appreciated his companionship felt his loss exceedingly, and he, for one, felt it personally.

Mr. Beggs, as one of the oldest members of the Council, endorsed what the Vice-President and Mr. Tate had said of Mr. Moffitt. He had known him from the time he joined the Council. They were sure of a hearty response to anything they put before Mr. Moffitt, whose pleasant and courteous manner made it a privilege to be associated with him.

The vote of condolence was passed in silence, the members standing.

Apologies for absence were received from Mr. Richard Blair, Cork, and Mr. H. Lancashire, J.P.

Curfew in Dublin.

The Registrar stated that, in consequence of the alteration of the curfew hour in Dublin to 9 p.m., the hours for the schools had to be altered. The Theoretical Chemistry School now starts at 7 p.m. and finishes at 8 p.m., the Practical Chemistry School begins at a quarter to six, and the Botany and Materia School at six o'clock. The alteration of the curfew hour had caused great inconvenience to a number of people. It is hoped that the employers would meet the situation, and see that the young men are enabled to attend the classes. It is hoped that the new regulation would be only for a short time.

The Vice-President referred to the advisability of getting the students home safely before nine o'clock.

Dr. Walsh said some of the students were not able to get out at the hours which had been mentioned, and for the present they would not be able to continue their classes. It was hoped that the Council would enable them to take out their lectures for the next session without extra fees. The matter would be brought up later on.

Co-option of a Member of Council.

On the motion of Mr. Hanna, seconded by Mr. Lee, Mr. A. H. Oliphant, Ph.C., 4 Lower Drumcondra Road, Dublin, was co-opted a member of the Council, to fill the vacancy caused by the death of the late Dr. McWalter.

The Proposed Fellowship.

The Registrar read a letter from the Clerk of the Privy Council, Dublin Castle, stating:

With reference to your letter of the 1st inst. on the subject of a proposal to institute an examination for Fellowship of the Pharmaceutical Society of Ireland, I am directed by the Lord-Lieutenant to inform you that his Excellency is advised that the creation of "Fellows" of the Society is not within the objects or the words of the Pharmacy Act (Ireland) 1875, and that legislation would be necessary to establish such an examination as that proposed.

The Vice-President said that as the birth of the Fellowship lay with him, it was now incumbent upon him to deliver its funeral oration for the time being. He said for the time being advisedly, because he looked forward to the proposal being revived at some future date; and, he hoped, when there was any occasion for seeking fresh legislation in connection with Irish pharmacy, the Council would avail itself of the opportunity of including a Fellowship scheme. He was, naturally, disappointed that the scheme could not be adopted at once. It was clearly pointed out to the Privy Council that the proposed title of "Fellow" would be merely ornamental, and that, being open only to Licentiates, it could not have and would not have any special legal significance. He had hoped, therefore, that the suggestion could have been adopted by means of a regulation of the Society. But from the letter which they had just heard read they saw that the law officers had decided otherwise. Apart from the question of a title, he had in mind a diploma worth obtaining, an examination worth working for, a curriculum that would induce serious post-graduate study in pharmacy and allied subjects. Pending the realisation of some such scheme, he appealed to the younger generation of pharmacists, especially to those who did so creditably at their Licence examination, not to allow their studies to lapse after qualifying. To their students in particular he would appeal to give special attention to the subject of organic chemistry. Every day they saw more and more evidence of how much organic chemistry was bound up with modern scientific pharmacy, and, as the physician is continually looking to the manufacturing pharmacist for new remedies, this branch of science was well worth following up. He would like to repeat what he had said in introducing the subject at the January Council-meeting—that he would very much like to see Irishmen shining forth in that competition which had sprung up between British and foreign chemists in the matter of manufacturing.

Correspondence.

Mr. David Warwick, M.P.S.I., wrote thanking the Council for their kindness and courtesy to him during the five years he was Examiner.

Dr. Cecil W. Robinson, M.P.S.I., also wrote in the same strain.

The death was reported of Mr. Joseph Soden Holton, chemist and druggist, Nenagh, co. Tipperary.

Preliminary Registration.

The following, who submitted certificates from other bodies, were admitted to preliminary registration:

Miss Caitlin Foley, The Medical Hall, 16 William Street, Limerick; Miss Gladys E. McCann, 83 William Street, Lurgan; Mr. Charles M. Hoban, Bishop Street, Newcastle West, co. Limerick; Mr. J. T. Leahy, Main Street, Macroom; Mr. Michael McManus, The Medical Hall, Lisnaskea, co. Fermanagh; Mr. W. J. McAuley, c/o Mr. M. McDonald, M.P.S.I., 88 Donegall Street, Belfast; and Mr. Augustine James McHenry, Broughshane Street, Belfast.

Reports were received from the Law Committee and the House Committee, and were adopted.

Re-election of an Examiner.

On the motion of the Vice-President, seconded by Mr. Michie, Dr. E. H. Murphy was re-elected an Examiner for the Preliminary examination for the ensuing twelve months.

Election of Members.

Mr. F. W. Buchanan, Ph.C., 32 Causeway Street, Portrush, Mr. Daniel O'Connell, Ph.C., Furlong's Medical

Hall, 17 Upper Merrion Street, Dublin, and Mr. R. E. Campbell, Ph.C., 2 Vernon Parade, Clontarf, Dublin, were elected members.

Dangerous Drugs Act Regulations.

Mr. Smith, Mr. Watson, and Mr. Storey made statements in reference to the proceedings in London in connection with the Draft Regulations under the Dangerous Drugs Act. Mr. Smith mentioned that the President of the Society, Mr. J. E. Connor, J.P., was still in London in connection with the matter.

Mr. Storey read a letter, dated March 4, from the Home Office, addressed to the Chemists' and Druggists' Society of Ireland, making an appointment for a meeting in London on March 10. The Chemists' and Druggists' Society sent a reply, refusing to go across to London for the present. If an expert committee is granted each of the signatories to the joint circular should be free to go and make their own representations.

Disabled Ex-Service Men.

Mr. Stott, representing the Ministry of Labour, attended with reference to the proposed training of disabled ex-Service men.

The Vice-President extended to Mr. Stott a cordial welcome. He said he was quite sure they were all most anxious to help in whatever way they could the men who had answered their country's call, and who, by reason of their brave efforts during these distressful five years through which they had recently passed, had become unfitted for the occupations they would have chosen under ordinary circumstances. The Pharmaceutical Society of Ireland was somewhat stringently bound down by its Acts of Parliament, and for that reason it might not have the same freedom as other public bodies in helping in this direction, especially public bodies which had no diplomas to grant and which had no necessity to hold qualifying examinations. However, he thought he was voicing the feelings of his colleagues when he said that they were anxious to do whatever was within their power.

Mr. Stott said that at the present moment in Ulster alone—he had not the figures for the whole of Ireland—there were about 40,000 disabled ex-Service men, and about 6,000 to 8,000 at least would require training of some kind or assistance in re-settling. The Ministry had learned that the supply of apprentices to pharmacy had not in recent years kept pace with the natural expansion of the business, and for the purpose of ascertaining officially how the matter stood they called together a local trade advisory panel in Belfast. The Ulster Retail Drug Trade Association, representing the employers, and the National Union of Shop Assistants, Warehousemen, and Clerks (Chemists' Section), representing the employees, were asked to nominate members of the panel. This was done and several meetings were held. It was felt that there was an opening for a limited number of men to qualify as assistants, subject to certain safeguards. The prospects of steady employment were generally considered to be promising, provided that only those ex-soldiers whose pre-war education was of a suitable standard were allowed to enter training; that the training given ensured the attainment of a standard of skill no lower than that attained by the average apprentice on completion of his apprenticeship; that extreme care was taken not to train more men at any one time than could be readily absorbed, having regard to the probable future state of the trade; that the training offered met the requirements of, and was accepted by, the Pharmaceutical Society of Ireland; and that the interests of the public were adequately protected, and that no change was made in the present stringent regulations as to compounding, etc., by unqualified men. The local trade advisory panel agreed that pharmacy under present conditions could absorb twenty ex-Service men in the first year and ten ex-Service men per year for a further three years. It was proposed that the maximum period of training to be provided by the Ministry of Labour should be three years; that the first nine months should be spent in a pharmaceutical college or technical school; that the balance of the period of training (twenty-seven months) should be spent in a pharmacy, during which period the disabled ex-Service man should have the status of an apprentice and should perform the usual duties of an apprentice; and that the applicant should, during the period of training in a pharmacy, attend supplementary classes at an instructional college or technical school. Both employers and employees agreed to a minimum of six hours per week being devoted to this purpose during ordinary working hours. The disabled ex-Service man would, at the end of the three years, said Mr. Stott, have what would be almost certainly a much better technical education than was usually received by the ordinary apprentice during his four years' training. It was not intended that the disabled ex-Service man's training should necessarily lead to his taking the L.P.S.I. degree. If he cared to go further than the status of a qualified assistant, that was a matter for himself. It was suggested that a National Trade Advisory Committee should be formed to deal with the subject. It might be that in Dublin and in the South and West the conditions were not the same as in Belfast. Mr. Stott replied to a number of questions addressed to him by members of the Council, and on the motion of Mr. Hanna, seconded by Mr. Storey, the following resolution was passed:

That this Council accept the principle of the scheme for training disabled ex-Service men as explained by Mr. Stott, and that the Law Committee be instructed to issue the draft regulations.

This concluded the public meeting.

Ulster Retail Drug Trade Association.

Mr. Samuel Suffern (President) occupied the chair at the annual meeting of the Ulster Retail Drug Trade Association, on March 10, in the rooms of the Chemists' and Druggists' Society of Ireland, 11 Waring Street, Belfast. There was a large attendance. Mr. W. J. Stevenson submitted the annual report. During the year 1920 membership has remained numerically the same as the previous year. The report, which briefly referred to matters of trade interest, was adopted, as was also that of the treasurer (Mr. W. J. Rankin). Mr. James Tate and Mr. Guiler paid a tribute to Mr. Rankin for his long and valuable services, rendered gratuitously, on behalf of the Association. Mr. H. Lancashire, J.P., Ballymena, senior Vice-President, was unanimously elected *President*. The other elections were as follow: *Honorary Vice-Presidents*, Messrs. Samuel Suffern (outgoing President), Samuel Fleming, James Tate, R. W. McKnight, S. Gibson, J.P., W. C. Dobbin, J. A. Woodside, J. Montgomery, J. Guiler, F. T. Smith, J.P., H. G. Pring, and W. J. Hardy; *Senior Vice-President*, Mr. W. E. Wilson (North Street, Belfast); *Junior Vice-President*, Mr. Andrew Wilson; *Hon. Treasurer*, Mr. W. J. Rankin; *Committee*, Messrs. H. Crail, J. C. Culbert, J. A. Bingham, W. McCartney (Grattan & Co., Ltd.), J. Adams, J. Hewton, W. Martin, C. Abernethy, J. Moffet, John Montgomery, H. Marshall, D. Henderson, M. McDonald, E. J. Roberts, R. Kells, A. W. Mann, J. Macauley, H. F. Moore; *Wholesale Section*, Messrs. Fred. Moore (Thos. McMullan & Co.), J. Haydock (J. & J. Haslett, Ltd.), and A. W. Gamble (Shaw & Jamison); *Hon. Secretaries*, Messrs. J. Dundee and S. Suffern; *Auditors*, Messrs. Wm. Martin and R. W. McKnight. The representatives on the Belfast Chamber of Trade and Ministry of Labour (Selective Committee) were re-elected. Mr. Lancashire thanked the members for the honour conferred upon him. He congratulated the committee and compiler on the recently issued price list, and desired that members should loyally adhere to prices therein and those issued from time to time by the committee.

Zanzibar Chillies.—The exports from Zanzibar declined from 500,000 lb. in 1905 to 89,614 lb., valued at Rs.31,224, in 1919, the reason being that the natives who formerly cultivated chillies have turned their attention to cloves. The price per frasila (35 lb.) varied from Rs.3-4-0 to Rs.9-10-0.

Festivities.

Sheffield Chemists' Supper.

The Sheffield Pharmaceutical and Chemical Society held a "hot-pot" supper recently, which proved a great success. Mr. E. Preston presided, and was supported by a large attendance of both employer and non-employer members. The toast of "The President" was proposed by Mr. J. Gilbert Jackson. In reply Mr. Preston asked for support for Mr. Jackson's candidature for the Retail Pharmacists' Union Executive; a very enjoyable concert followed. The artists who kindly contributed were Messrs. Watsworth, Gandy, Mather, J. C. Rapley (violin), and Mr. Hammond, the secretary. Mr. Preston proposed a vote of thanks to the artists and the secretary.

Leicester Ladies' Whist-drive.

A successful whist-drive, at which about 240 people were present, was recently held at the V.A.D. Hall, London Road, under the auspices of Leicester ladies. The proceeds, which amounted to over 43*l.*, are to be given to the Pharmaceutical Society's Benevolent Fund. Refreshments were provided by donations from friends, and prizes presented by Mrs. E. H. Butler, Mrs. Goodess, Mr. A. E. Young, Messrs. Gibbs, Erasmic, C. R. Harker, Stagg & Morgan, Ltd., Robinsons, Ford, Chapland & Co., Ltd., and J. Richardson & Co., Ltd. Messrs. W. J. Lewis, E. B. Ward, and A. E. Young acted as M.C.s. The prizes were distributed by the President's wife, Mrs. W. J. Lewis.

Pharmacist Services' Whist-drive.

A successful whist-drive was held by the Pharmacists' Services Club on March 10, at which a reunion of pharmacists who had been engaged in work in the war services and their friends took place. The President (Mr. E. Skues) occupied the chair. Mr. Watson acted as M.C. The prize-winners were: *Ladies*—Mrs. Hempsall, Mrs. Wells, and Mrs. Jenkin; *Gentlemen*—Messrs. Hunt, Bland, and Morse. During the evening light refreshments were provided, and Mrs. Shackerly made an appeal to the ladies present to assist with work for the Benevolent Fund stall at the Chemists' Exhibition. Mr. Atkins also spoke, referring to matters of interest to old members of the Pharmacists' Volunteer Corps.

Lancaster Chemists' Whist-drive.

The Lancaster Pharmacists' Association held a whist-drive, supper, and concert at the Empire Café on March 2, about eighty being present, including the President (Mr. H. Troughton). The arrangements were supervised by a committee comprising Mr. and Miss Troughton, Mr. and Mrs. Robertson, Mr. and Mrs. Bate, Mr. Shattock, and Mr. R. T. Simpson, who was M.C. for whist. The winners were: Miss M. J. Verity, Miss Row, Miss Shattock, and Mr. Burrows; travelling prizes, Miss Stalker and Mr. Clifford. The programme for the concert was contributed to by Mr. and Mrs. J. Richardson, Miss Verity, Mrs. Bate, Mrs. Cathcart, Mr. A. H. Robertson, Mr. G. Robertson (songs), Mr. H. L. Baron (recitations).

Middlesbrough Chemists' Dinner.

The first "After the War" dinner of the Middlesbrough Chemists' Association was held on March 9. After the loyal toast, Mr. J. Gilbert Jackson, replying to the toast of "The Pharmaceutical Society," asked for the full support of every member to the Society at the present time. He appealed to those who had not yet joined the Retail Pharmacists' Union to do so without delay, and warmly supported Miss Buchanan in her efforts for the Benevolent Fund. Speakers were as follows: Mr. W. R. Brackenbury, "The Pharmaceutical Society"; Mr. C. S. Ellington, "The Town and Trade of Middlesbrough," replied to by Mr. W. G. Appleyard; Mr. A. Enock, "The Medical Profession," replied to by Dr. B. G. Sandys Belas; Mr. J. L. Robinson, "The Visitors," replied to by Mr. T. E. Thomas, M.A. An enjoyable evening was spent.

South-West London Chemists' Dinner.

The annual dinner of the South-West London Chemists' Association was held at the Holborn Restaurant, London, W.C., on March 16, the President (Mr. J. Humphrey) in the chair. At the pleasantly informal reception which preceded the dinner the prevailing sentiment was *dulce est desipere in loco*—which, being freely translated, means that it is nice sometimes to forget the Dangerous Drugs Act Regulations. If they were not entirely forgotten by the speakers of the evening, they were at any rate put in their place. Supporting the President at the top table were Miss Humphrey, Miss Borrowman, Mr. E. T. Neathercoat (President of the Pharmaceutical Society), Sir William Glyn-Jones (secretary of the Society), Messrs. John Keall, A. R. Keith, A. R. Melhuish, and Herbert Skinner (members of the Society's Council), and other ladies and gentlemen. Among the general company of about 120 we noticed Mr. J. W. Agnew (Wright, Layman & Umney, Ltd.), Mr. R. Fouracre, Mr. J. Giles, Mr. Horrod (Fassett & Johnson, Ltd.), Mr. Killick (Corbyn, Stacey & Co., Ltd.), Mr. H. G. Leal (Evans Sons Lescher & Webb, Ltd.), and Mr. F. G. Wells. The dinner and the musical programme which followed it were of generous proportions, and the interval allotted by the President was much appreciated by those who wanted to discuss a certain forthcoming election—or frocks. The toasts were three in number. That of "The Pharmaceutical Society of Great Britain," which came first, was proposed by Mr. E. A. Atkins in a speech tactfully compounded of praise and admonition. Mr. Atkins expressed his satisfaction that the professional and trading interests of pharmacy had now been satisfactorily divided, but added that it behoved the Council of the Society to walk very warily during the coming year. Mr. Neathercoat, in responding, referred to his own participation in the formation of the South-Western Association, which, he added, was one of the independent associations of London. Owing to the goodwill that prevailed in the main, pharmacy had come safely through a critical year; so far, however, as the Dangerous Drugs Act Regulations were concerned, we were nothing like out of the wood. Sir William Glyn-Jones, in giving the toast of "The South-West London Chemists' Association," was in his happiest vein of reminiscence. Referring to recent events connected with the Regulations aforesaid, he remarked that, while the duty of preparing a case fell to the Pharmaceutical Society, the duty of finding a jury fell to the local associations, and they had discharged it very ably. Pharmacists were among the best organised of any class of the community. They had just taken part in a great national service—that of letting the Government know that the people of this country had had enough of being in leading strings. Sir William chaffingly congratulated the Association on its "abnormal" share in the government of pharmacy, and paid a cordial tribute to the many merits of its President. Mr. John Humphrey, in reply, modestly passed on a large part of the praise to the Association in general, and to Messrs. Goy, Keall, and Atkins in particular. The South-Western, he said, had made up its mind to be directly represented on the Retail Pharmacists' Union, and it had also decided that, whatever might happen, it would continue as an Association on its present lines. (Applause.) Personally he resented hearing the Association described as a district Association. The critical spirit, to which allusion had been made, had helped to blend its members into a very happy family. The last toast, that of "The Ladies," was briefly proposed by Mr. E. Skues, and was gracefully acknowledged by Mrs. Freke, M.P.S., who took the opportunity of making a stirring appeal for the Benevolent Fund.

Chicle Gum in British Guiana.—The U.S. Consul at Georgetown reports the discovery of chicle-producing trees in British Guiana. Prospecting expeditions sent into the interior have returned to Georgetown with 600 lb. of chicle, and preparations have been made by the discoverer, who holds a concessionary right over 6,200 square miles of territory, to send out four prospecting parties.

Births.

Burnside.—At "Holyrood," St. Mary's Grove, Chiswick, London, W. 4, on March 4, the wife of H. M. Burnside, London managing director of Gillard Gordon, Ltd., essential-oil merchants, London and Sydney, of a daughter.

Hart.—At 25 Woodstock Drive, Smithills, Bolton, on March 12, the wife of J. S. Hart, M.P.S., of a daughter.

Deaths.

Calvert.—At Belper, on March 13, Mr. Albert Matheson Calvert, chemist and druggist (Calvert & Son, chemists, King Street), aged fifty-seven. Mr. Calvert had been in business in Belper for many years. He leaves a widow and family, to whom deep sympathy has been extended by Mr. Calvert's many friends in the Derbyshire Pharmaceutical Association.

Connor.—At 88 Beckett Road, Doncaster, on March 5, Mr. Thomas Haigh Connor, chemist and druggist, 17 Scot Lane and 155 Cleveland Street, aged seventy-one. Mr. Connor was in business in Doncaster for upwards of forty years. He was a member of the Doncaster and District Association of Pharmacists, and, for some time, a warden of St. Mary's Church.

Evans.—At Ordolau, Llanybyther, recently, Mr. Daniel Evans, father of Mr. E. Evans, chemist and druggist, Ammanford, and of Mr. J. E. Evans, chemist and druggist, Stratford, London, E. 15, aged eighty-five.

Mackay.—On March 10, at a nursing home, Mr. William Mackay, 7 Burlington Court, Chiswick, a partner of French & Plucknett, produce brokers, 7 Mincing Lane, London, E.C. 3, aged fifty-four. Mr. Mackay, who joined the firm in 1909, has been away from business for the past three months owing to ill health. He was formerly with Edward Boustead, London and Singapore, and for a number of years was in the East on behalf of the firm. The business will be carried on as before by the remaining partners.

Marples.—At 25 Balls Road, Oxton, Birkenhead, on March 3, Mr. Joseph Marples, retired chemist and druggist, aged eighty-one. Mr. Marples carried on business for many years in Leece Street and Berry Street, Liverpool.

Morrell.—On February 13, Mr. Charles Morrell, chemist and druggist, 26 Clapham Road, London, S.W. 9, aged fifty-four.

Napier.—At Ruby Villa, Sciennes Gardens, Edinburgh, on March 9, Mr. Duncan Napier, chemist and druggist (D. Napier & Sons, medical botanists, 17 Bristo Place), aged ninety. Mr. Napier, who was a member of the Edinburgh Botanical Society and other institutions, commenced business as a herbalist in Edinburgh in 1860. He spent his whole business career in the study of herbs and their application to the treatment of disease, consistently refusing to recognise chemical or mineral substances as remedies. Well known as a lifelong total abstainer, Mr. Napier was also a militant Protestant and an opponent of vaccination. The wholesale and retail business will be continued on the same lines by his two surviving sons.

Richards.—At Woodside Park Pharmacy, North Finchley, London, N. 12, on March 14, after a brief illness, Mr. Marmaduke Richards, D.B.O.A., chemist and druggist, aged forty-nine. Mr. Richards, who qualified in 1895, was in business for several years in High Street, Uxbridge.

Personalities.

Mr. Samuel Schwarz (Polak & Schwarz, Ltd., Zaandam, Holland) was in London this week on a business visit.

Mr. Percy J. Ashfield, chemist and druggist, Rhyl, recently managed and played "lead" in the twenty-seventh production of the Rhyl Amateur Dramatic Society.

Captain Eric P. Kingzett, of the "Sanitas" Co., Ltd., is the author of a book of war reminiscences entitled "One of the Lambs." He writes under the pseudonym of "The Mad Mullah."

Mr. Philip F. Rowsell, member of the Council of the Pharmaceutical Society of Great Britain, is one of three candidates to fill the vacancy in the representation of Exmouth on the Devon County Council.

Early in the morning of March 11, Mr. J. R. Watson, chemist and druggist (Francis & Son, Ltd., chemists, Brixton Road, London, S.W. 9), made a plucky capture of an armed burglar in his bedroom at his residence in Norwood Road, Herne Hill.

Among the candidates nominated for election to the Council of the Institute of Ophthalmic Opticians are Mr. George Bennett, J.P., chemist and druggist, Stockport; Mr. James C. Kidd, chemist and druggist, Manchester; and Mr. Lionel Laurence (School of Optics, Ltd.), London.

Mr. Thomas England, chemist and druggist, Romford, has been elected Vice-President of the Romford chamber of commerce. Mr. England has been chairman of the chamber since its formation, which was largely due to his initiative and foresight. Mr. England is also acting-chairman of the Romford urban district council, and is prominently identified with many other organisations.

Mr. H. M. Lloyd, chemist and druggist, Merthyr Tydfil, President of the South Wales and Monmouthshire Local Associations' Federation, has been awarded the Albert Medal, by the King of the Belgians, in recognition of his services to the Belgian refugees who were accommodated in the borough during the war. Mr. Lloyd, as Mayor in 1914, was mainly responsible for the necessary arrangements.

Mr. Cecil V. Wattenbach, 54 Burnbury Road, London, S.W. 12, whose father, recently deceased, was in business as a druggists' sundriesman, has succeeded to the family business. During the war Mr. Cecil V. Wattenbach served five years in the British Army. He started in the ranks and ended as a major with the M.C., Croix de Guerre (with silver star), and a mention in despatches.

Mr. Henry Ball, Ph.C., Southport, has been elected a Fellow of the Linnean Society. His nominators included Professor S. H. Vines and Dr. G. Claridge Druce (Fielding Curator, Oxford University). Mr. Ball, who has retired from business, has been a member of the Southport town council for many years, and in 1915-16 was Mayor of the borough. He is an authority on local flora, and is the author of many papers dealing with the subject.

Mr. E. M. Holmes, Ph.C., F.L.S., who has decided to give up the cultivation of medicinal plants owing to the disability caused by his recent illness, is disposing of the plants in his garden, which include several that are rare. He would like to hear from a pharmacist of botanical tastes living in the warmer part of England who would like to acquire in one lot his stock of Japanese peppermint plants. These are the source of menthol, and are believed to be the only plants of this species in the United Kingdom. Experiments have shown that the plant cultivated in this country yields as large a proportion of menthol as when grown in Japan.

Wills.

Mr. Percy Spencer Umfreville Pickering, M.A., F.R.S., F.I.C., F.C.S., Woolacombe, Devon, and The Granary, Harpenden, who died on December 5, left estate of the gross value of 54,512*l.* 6*s.* 8*d.*, with net personalty 52,509*l.* 5*s.* 3*d.* The testator left 1,000*l.* to the Royal Society to procure the writing and publication in book form of an account of his work in pure science, his scientific apparatus and material to the Lawes Agricultural Trust, the residue of his property upon trust for his wife during widowhood, and the ultimate residue of his property to the Royal Society for the furtherance of scientific research, more especially in those branches of science in which he had been interested.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1921, p. 300.

(From "The Trade-marks Journal," February 2, 1921.)

"Losinate"; for chemicals (2) and for medicinal chemicals (3). By C. Zimmermann & Co. (Chemicals), Ltd., 9-10 St. Mary-at-Hill, London, E.C. 3. 409,673/674. (Associated.)

"Vitallo" on circular device of sun rays; for a medicine (3). By Vitallo, Ltd., Halam House, Church Road, Halam, near Southwell, Nottinghamshire. 401,978.

"Vimasan," "Vimasin," and "Vimaro"; for goods (3 and 42). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle, Switzerland. 406,269/270/271/272/273/274. (Associated.)

"Kalzana"; for goods (3). By J. A. von Wülfing, 231 Friedrichstrasse, Berlin, S.W. 408,762. (Associated.)

"Phil-Sano"; for medicinal chemicals (3). By R. W. Phillips, Ltd., Craven House, Kingsway, London, W.C. 2. 409,312.

"Diginorgin"; for medicinal chemicals (3). By Chemische Fabrik "Norgine," Dr. Victor Stein, 178 Schwenkestrasse, Aussig, Czecho-Slowakia. 409,396.

"Inhaloid"; for a medicated tablet (3). By Le Brasseur Surgical Manufacturing Co., Ltd., 90 Worcester Street, Birmingham. 409,483.

"Althorn"; for headache powders (3). By T. Alty and J. Haworth, Copley Works, Back Owen Street, Accrington. 409,727.

"Calomex"; for a medicated dressing (3). By Menley & James, Ltd., 64 Hatton Garden, London, E.C. 1. 409,859.

"Rumcof"; for food substances (42). By J. E. Garratt, 96 Southwark Street, London, S.E. 1. 410,036.

"Florotto"; for liquid concentrated perfumes (48). By Potter & Clarke, Ltd., 60 Artillery Lane, London, E. 1. 410,363.

(From "The Trade-marks Journal," February 9, 1921.)

"Tenax"; for chemicals (1). By W. Briggs & Sons, Ltd., 2 Meadow Place Buildings, Dundee. 407,268. (Associated.)

"Britcell"; for chemicals (1). By British Cellulose and Chemical Manufacturing Co., Ltd., 8 Waterloo Place, London, S.W. 1. 408,069. (Associated.)

"Hoklykem" and "Lykem"; for all goods (1). The Hockley Chemical Co., Ltd., 1 Hockley Hill, Birmingham. 409,570/571. (Associated.)

"Akoderma"; for an anti-parasitic for animals (2). By Istituto Opoterapico Nazionale, "Pisa," 27 Via Contessa Matilde, Pisa, Italy. 408,213.

"Graesanto"; for all goods (2). By The Graesser-Monsanto Chemical Works, Ltd., Cefn, Ruabon, N. Wales. 409,976.

"Aurocantan"; for all goods (3). By Farbwerke vorm Meister Lucius & Brüning, Hoechst a/Main, Germany. 362,921. (Associated.)

"Talisman Testine Tablets," on label device; for medicinal tonic tablets (3). By Constantine & Jackson, Ltd., 27 Chancery Lane, London, W.C. 2. 399,436.

"Angiolymphe"; for a tuberculosis medicine (3). By P. M. Rous, 7 Rue Hanneloup, Angers, France. 404,338.

"Goutrid" on shield device, for medicinal uric acid powders (3), "Tartarid"; for dental cream (48). By Goutrid, Ltd., 220 Westminster Bridge Road, London, S.E. 1. 407,639; 408,740. (Associated.)

"Frozof"; for medicinal chemicals (3). By R. Blackie, Shen Works, Tower Bridge Road, London, S.E. 1. 408,538.

"Otivito"; for a medicine (3). By T. Stevenson, 341 Chorley New Road, Horwich, Lancs. 409,061.

"M B K" on hexagonal device ("M B K" disclaimed); for pharmaceutical preparations (3). By C. F. Boehringer & Soehne, 112-122 Sandhoferstrasse, Mannheim-Waldhof, Germany. 409,074.

"Planadalin"; for pharmaceutical products (3). By May & Baker, Ltd., 39-41 High Street, Battersea, S.W. 11. 409,581.

"Valwode"; for an indigestion medicine (3). By P. Cocker and J. P. Wood, 101 Claremont Road, Moss Side, Manchester. 409,762.

"Phyllosan"; for all goods (3) and (42). By Chlorosan Aktien-Gesellschaft Chemische-Therapeutische Preparate im Bruhl 943, Zofingen, Switzerland. 409,946/7. (Associated.)

Trade Notes.

New Showcards.—Genatosan, Ltd., 12 Chenies Street, London, W.C. 1, give in their advertisement miniature reproductions of a new series of attractive showcards which they are offering to chemists. The showcards refer to sanatogen, formamint, and genasprin.

Buxton Water.—Mr. J. M. Scott, general manager of the mineral springs, Buxton, is prepared to appoint agents for Buxton natural mineral water. The water is supplied in 7-oz., 11-oz., and 24-oz. bottles, and in two kinds, sparkling and still.

Jersey Lavender Soap.—Elel, Ltd., 114 Stanstead Road, London, S.E. 23, send us a sample of the Elel brand Jersey lavender soap, which retails at 6*d.* per tablet. It is well perfumed and is of the superfatted variety. May, Roberts & Co., Ltd., are the wholesale agents.

New Cod-liver Oil.—An excellent sample of new season's cod-liver oil reaches us from Freudentheil & Co., 21 Mincing Lane, London, E.C. 3, who have received it from their principals, Brödr. Aarsæther A/S., Aalesund, Norway. We find the oil particularly sweet and practically free from fishy taste.

Belgian List.—De Roubaix & Cassiers, manufacturing chemists, 24 and 26 Rue Fugger, Antwerp, issue an English price-list of chemical and pharmaceutical products, specialities, chemists' sundries, and laboratory ware. Chemicals are quoted according to the British Pharmacopœia requirements. The list occupies over sixty pages.

Photographic Sundries.—Thomas Waide & Sons, Ltd., Kirkstall Road, Leeds, send us samples of their special printing requirements for the photographic trade. These include wallets for prints and films, labels for photographic solutions, and counter bills referring to photographic goods. The company offer to send samples and prices of this advertising matter, and, as the season is now commencing, application should be made at once.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

R/163. Soerensen's phosphate.
B/163. Hutchinson's vanoric antiseptic bandages.
M/143. Dale's plasters.
D/143. Verbena sponge powders.
H/143. Bovicura cattle medicines.
M/143. "Venta" tooth-brush.
F/143. Brass capsules for regulating the temperature of chicken incubators.
G/113. Cheap turned-wood pill-boxes.
C/113. Solmilkol.
P/143. "Limbux" fertiliser.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C. 4:

Acousticon hearing apparatus, M/113
Ammonol, S/143
Arobee eyelash cream, C/113
Belloc charcoal, S/143
Chatterton's compound, B/143
Chip ointment boxes, B/93
Crotalin ampoules, B/143
Dextro malto, E/143
Horsford's acid phosphates, S/143
Karox compound, S/143
Karswood pig powders, S/143
Limestone phosphate, C/153
Moogrol, A/143
Roy's hyposarsine, N/123
Whelpton's pills, S/143

APPRECIATIONS.

I was agreeably surprised to receive the address for which I asked you, so quickly, and will know where to apply to for trade information in future.—H. H. (221/1).

I take this opportunity of thanking you for the information you have been good enough to send along to me. This is an instance which testifies to the very great value of your Information Department.—*B.* (21/2/20).

From a well-known firm of manufacturing chemists and wholesale druggists in the North:

"We are very much obliged to you indeed for giving us the name and address of ——. We can assure you we appreciate and value the fact that when we are 'stuck' for a little information like this outside our own trade we can always get help from you."—(101/49.)

Observations and Reflections.

By Xrayser II.

Although It May Be

that the hospital regulations printed in the *C. & D.* last week are not in their final form, they are an eye-opener to those who had not previously regarded a hospital as a den of thieves. The idea of carrying a morphia suppository in a locked box from the hospital dispensary to the wards is one of the most fantastic proposals which has been put forward by persons presumably possessing a knowledge of hospital conditions. If the regulations were dealing with an exceedingly costly article like radium I could understand the need for excessive caution in handling the hospital supplies. If persons in hospitals are in the habit of stealing drugs on their way to the wards the delinquents should be dealt with by the police courts in the ordinary way.

Drugs Bought

by a hospital are presumably acquired for the purpose of treating the diseases of applicants for medical relief, and I should have thought that hospital dispensers would consider it part of their ordinary duties to see that the institution's drugs are not stolen or misused. All hospital staffs will, I hope, resent the insinuation that any of them desire to supply drugs for immoral purposes. There seems, however, to be a difference of opinion regarding the Dangerous Drugs Act Regulations among hospital pharmacists, and yet it appears that only one small group claims that it has the ear of the Home Office Civil servants. This should not be the case, and points to the need for the appointment of a committee to consider the case of drug distribution in hospitals. The new House of Commons Committee appointed to save the face of the Home Secretary may have something to say on this matter.

The Index Number

of the cost of living upon which a correspondent desires information may be defined by showing how it was arrived at. A report was published in 1908 dealing with the cost of living of the working classes, and from this report it appears that investigations were made into the expenditure of 1,944 working-class families. The results were as follows :

Number	Weekly Income	Average Weekly Income
261	Under 25/-	21/4½
289	25/- to 29/11	26/11¾
416	30/- to 34/11	31/11¼
382	35/- to 39/11	36/6¼
596	40/- and over	52/0½
1,944		36/10

Expenditure is divided into five groups—food, rent, clothing, fuel and light, other items—and the index number computed at first separately, and then as a whole. In carrying out the final computation it is assumed that the total expenditure of a typical family is divided among the groups in the proportion of 60 per cent. food; 16 per cent. rent and rates; 12 per cent. clothing; 8 per cent. fuel and light; and 4 per cent. other items. The present index figure of 150 is only arrived at owing to the slump in sugar, eggs, rice, and such like things. Meat, bread, and vegetables are practically unchanged. It would be much more practical to work on some such basis as the *C. & D.* drug index figure. "The Times" figures for food rose much higher than those of the Board of Trade, and I should like to see an index of cost of transport and rent, rates and taxes. Rent is fixed at the present inflated values by Act of Parliament for another two years, and the slackness of the Ministry of Health makes it a certainty that high rents will continue for years. I can scarcely, however, believe there will be any undue rush to reduce wages in pharmacy with the downward alteration of the drug index figure.

The Chief Error

arising from this method is the assumption that the details of the budget which covered one week in the summer time remained a constant even to the present day when the average should have been over a very much longer period. Rent, rates and taxes are disproportionate, and, as your correspondent points out, their full bearing is overlooked. It may balance out roughly, but, if employers keep strictly to the cost of living index, some wages will still have to rise.

Apothecaries' Assistants' Claims

are in a bad way if Mr. H. C. Richards' arguments are the best that can be said for the recognition of the assistant's certificate as a general dispensing qualification. The statement printed in red on the certificate itself is explicit enough as to the qualification being only one for dispensing for apothecaries. It is amusing to read Mr. Richards' illogical remarks regarding the alleged cotemporaneous evolution of the apothecary and his assistant. Carried a little further, the same argument would make the apothecary's assistant a qualified medical man because his master was formerly a physician's assistant. The Apothecaries' Society did its best to oppose the passing of the early Pharmacy Acts, and, if it was unable to carry its arguments fifty years ago, when it should have been comparatively easy to have done so, it is hopeless to expect the holders of a certificate in elementary pharmacy to carry much weight now.

Tolu,

says Mr. Cunninghame Graham, in his recently published work, "Cartagena and the Banks of the Sinú," was originally the name of an Indian chief, the native ruler in the district in which the plant yielding balsam of tolu was first found. This chief proved a great friend to the Spaniards when, under Alonso de Heredia, about the middle of the sixteenth century, they made their way into his territory, and founded a town on the site of his village, previously called Balsillso, to which they gave the name of Santiago de Tolu, thus perpetuating the name of the chief who had befriended them. The town, says Mr. Graham, is excellently situated at the mouth of the river Catarrapa, and vessels of a moderate size can anchor in its bay. The balsam-bearing tree (*Myroxylon toluifera*) still flourishes in the neighbourhood. It is a striking instance of the unenterprising character of the Colombians that though Santiago de Tolu is only forty miles distant from Cartagena, the capital, there is no road between the two except mere cattle tracks. Mr. Graham, nevertheless, praises the energy and the keen wits of the people of Cartagena itself.

There are Two Medicines,

says Mr. Cunninghame Graham, in the book to which I have just referred, that the Colombian gentleman carries with him wherever he goes. They are aspirin and a proprietary remedy for snake-bite, called *Curarina*, a name which suggests that the inventor was a homœopathist and curarine the active principle of his medicine. Be this as it may, the unfortunate man, after realising a handsome competence by the sale of it, chanced to be bitten by a snake and incontinently swallowed a whole bottle of the stuff. He was dead within an hour, but the sale of curarina is said not to have been injured by this untoward event, though a cruel rumour got abroad that the snake was a harmless one and the "remedy" the sole cause of the man's death. If the story is true there is a certain comfort in it for the owners of proprietary medicines.

Luxury Tax in Italy.—The proposed luxury tax is not considered likely to apply to essential oils.

Paper from Norfolk.—The manufacture of paper from marram grass, which grows abundantly at Blakeney Point, Norfolk, was described by Professor F. W. Oliver in a recent lecture at University College, London. Although the fibre is short, a tenacious paper is said to have been produced.

"SANITAS" EMBROCATION.
Invaluable for
ACHES, SPRAINS & STIFFNESS
THE ATHLETE'S BEST FRIEND
Of all Chemists, and
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FENNINGS' 50 YEARS' REPUTATION
Children's Powders
ADVERTISED EVERYWHERE. READY SALES.
ALFRED FENNINGS, COWES, I.W.

An announcement of particular interest to you appears in this issue on page xxv.

FOUR PERTINENT TEST QUESTIONS
With a special bearing on the subject of
EFFECTIVE CIRCULATION
It is suggested that these queries might be addressed by advertisers to publishers of trade journals:
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Editorial Articles.

German Reparations Bill.

We indicated last week that, as the result of the German reparation proposals, dealers in German pharmaceutical chemicals were inclined to adopt a cautious attitude in offering their holdings at the low prices in force, which more or less involved a sacrifice. Now that it is possible to foresee what the proposals actually mean in operation, a rapid and much-wanted improvement has taken place in the prices of a few of the leading fine chemicals which could be bought in the open market last week at much below the cost of manufacture either at home or abroad. This *volte face* has arisen from the fact that in many instances German manufacturers of fine chemicals are refusing to carry out their contracts already entered into unless the full amount of cash is sent to them in Germany before the despatch of the goods. Importers cannot, of course, do business on those terms, so that trading is temporarily suspended. Consequently there are signs that prices of leading fine chemicals are advancing, but the advances are nominal at the moment, and are not due to consumers buying. In the event of a continued stoppage of business, however, the advanced prices will be the base for actual transactions, and the further the delay in resumption of trading the more firmly will the higher range of values be established. As it is, prices now vary considerably, with a dwindling few merchants quoting the old figures. Quite a number of the leading German makers of fine chemicals have stocks in London in the hands of their agents, who have received cabled instructions not to sell. Aspirin, salicylates, bromides, and phenacetin are the leaders in this advance, and naturally English makers take advantage of the position.

Moreover, it is probable that German makers' prices will be advanced all round in order to compensate themselves for trading at a disadvantage. There would then be less undercutting and competition for the British maker to put up with. He, however, is to be taken care of under the proposed Safeguarding of Industries Bill. We print the full text of the German Reparations Bill on page 56, and this is followed by a summary of the discussion in the House of Commons. Nobody in the City has a good word to say for the proposals, and, if the storm of fierce criticism which has been aroused among business men counts for anything, then the project from their point of view is unworkable. It involves again on a large scale many of those harassing and vexatious difficulties which it was thought were ended with the war. The importer is again placed at the mercy of the bureaucrat, who in his leisurely manner will investigate the source of imports and require certificates of origin where goods are exported from Germany through another country. Such scrutinies will involve doubt and delay. We understand that one valuable concession has been given by the Customs, and that is the invoice value of the goods will be accepted by the officials as the basis on which to pay the 50 per cent. Doubtless they will be given power to exercise authority if they have reason to believe goods are undervalued. It would not, therefore, be necessary to establish new machinery for assessing values. The measure is, of course, a good deal in the nature of an experiment, and when it is in action the difficulties may not prove to be quite so serious as is anticipated. If the German Government does not co-operate or refuses to pay the 50 per cent. to exporters, it is estimated by the Prime Minister that at least 60 per cent. of Germany's export trade will collapse. This would be more disastrous for Germany than the Allies, some of whom are not very anxious for German goods at any price. We notice that in Committee, March 31 is the date upon which the Bill will come into operation, and that a welcome modification has been secured by Sir F. Banbury in favour of existing contracts, which were cancelled on a wholesale scale by German manufacturers. Payments in respect of transactions made before March 8 are to be exempt, provided that the goods are cleared before April 15.

Dangerous Drug Regulations.

The appointment of the Committee promised by the Home Secretary last week in the House of Commons is announced in this issue. The chairman of the Committee is Mr. Chester Jones, one of the Bow Street Police Court magistrates, whose experience should convince him that it is not for pharmacists but for shady "crooks" that the Regulations under the Dangerous Drugs Act are required. Mr. W. J. U. Woolcock, a pharmaceutical chemist, represents pharmacy, and should be a valuable member of the Committee owing to his knowledge of the poison laws. Mr. Rutherford Hill's memorandum to the Scottish peers and members of Parliament should be an excellent reminder of the reasons for the framing of the poison laws in their present form. Of the other members Captain W. E. Elliot and Dr. A. C. Farquharson are medical men, while Mr. G. A. France is chairman of the Northumberland Insurance Committee, and in that capacity may be said to represent drug-users. Sir Malcolm Delevingne is one of the Home Office officials, and to him is attributed the authorship of the Draft Regulations. His education in pharmacy and poison law should be rapid now that he is associated with medical and pharmaceutical experts. A very curious revelation is made in "The Lancet" this week to the effect that there have been "several versions" of the Draft Regulations issued. We were not aware of this, and can hardly think that a Government Department would abuse its position to the extent of issuing different versions of the Regulations. We think "The Lancet" is mistaken, especially as the rest of the article, dealing with the control of the sale of poisons in this country, is exceptionally ill-informed. We have this week received the Regulations issued in Germany giving effect to the recent legislation in that country dealing with narcotic drugs. It is interesting to note that the German Regulations do not affect the pharmacist in any way, in that no new duties are imposed upon him. He is not required to apply for a licence to purchase or to deal in the specified drugs, nor is he obliged to keep any special registers. There is no doubt that Germany is interpreting the articles of the International Convention in a correct manner, and that the British Government officials in their ignorance of the pharmacy and poison laws of this country have blundered very badly. It is now for the new Committee to settle the basic principles to be observed in the Regulations, as laid down in the Convention and the Dangerous Drugs Act. These principles do not involve the destruction of the legitimate drug business in the interests of cocaine smugglers.

Fine-Chemical Manufacture.

It is interesting at the present critical time in the British fine-chemical industry to note that the latest book in the Industrial Chemistry series edited by Dr. S. Rideal is by Mr. M. Barrowcliff and Mr. Francis H. Carr, on "Organic Medicinal Chemicals, Synthetic and Natural" (Baillière, Tindall & Cox, 15s.). The book is additional evidence that the manufacture of synthetic medicinal chemicals has begun in earnest and that there are British chemists capable of overcoming all the difficulties of the newly established manufacture. Those of us who remember the sneers of the German chemists in the early days of the war that it would not be possible to make salvarsan here, as we had no chemists sufficiently educated, were also much elated when salvarsan was produced here successfully and the country made independent of the bombastic Teuton. It was realised, however, that many of the processes of manufacture of synthetic medicinal chemicals were extemporised, and that although they produced the supplies urgently needed by the Navy and Army, many of the processes were not established on an economic basis. In order to do this much investigation was needed to discover methods of obtaining the best possible yields and the most economic ways of production. During the war the shortage of scientific workers was a severe handicap in establishing new chemical manufactures, as the making of explosives required all the nation's chemical energy; but steady work was carried on during the war and since the Armistice, the results of which are only now being utilised. This is one of the reasons why the fine-chemical industry, the manufacture of synthetic medicinal chemicals and dyes, needs fostering for a few years. The other reason is that without a properly established fine-chemical industry we shall always be at a disadvantage in future wars should these unfortunately occur again. Messrs. Barrowcliff and Carr have in this book done a valuable service in collecting particulars of all the essential processes that are available, so as to form a starting-point for manufacturers and an instructional book for investigators and students. The treatise is divided into

sections, each of which deals with a therapeutic group of chemicals. Thus the first section concerns narcotics and general anæsthetics, including sulphonal, trional, urethane, adalin, veronal, and bromural. Section 2 deals with naturally occurring alkaloids and their derivatives. Then follow sections on local anæsthetics, antipyretics, organic antiseptics, purgatives, vaso-constrictors and vaso-dilators, diuretics and uric-acid solvents, organo-metallic compounds, and the digitalis group of active principles. Opening the book at the chapter which deals with antipyretics and analgesics we find excellent summaries of the processes of making acetanilide, exalgin, phenacetin, lactophenin, antipyrine, pyramidon, benzoic acid, salicylic acid, sodium salicylate, methyl salicylate, aspirin, and calcium and sodium acetylsalicylates. The authors are well known as authorities on the subject upon which they write, Mr. Carr being chemist to the British Drug Houses, Ltd. It is safe to say that if this book had been available at the beginning of the war much valuable time would have been spared in searching out and sifting published information. As it is, the book should fulfil a much-needed want, if we may judge from the frequency with which we receive requests for such a work. Another book dealing with the same subject, mainly from the chemical standpoint, is Dr. Percy May's "Chemistry of Synthetic Drugs," of which the third edition has just been published (Longmans, Green & Co., 12*s.* 6*d.*). As we have stated when reviewing the previous editions, Dr. May keeps the work up to date and maintains the reputation of the book as a trustworthy guide to the chemical knowledge of synthetic medicinal chemicals and a valuable addition to English chemical literature.

New Pharmacy Law in Palestine.

The State Council of Palestine passed a law on December 20, 1920, regulating pharmacy throughout the country, according to which no person is allowed to own, or to be the responsible manager of, a pharmacy who is not in possession of a diploma issued by a duly recognised school of pharmacy. Further, a licence to own, or to manage, a pharmacy, issued by the Palestine Government, must also be obtained; applicants for this licence, in addition to the above-mentioned diploma, must also submit a certificate of conduct. To engage any person as a pharmaceutical assistant in a pharmacy requires the sanction of the Government, and will only be granted provided the person is over sixteen years of age and can read and write the language in use in the pharmacy in which he is to be employed. In exceptional cases the Government may grant permission to individual doctors to dispense medicines to their own patients. Special regulations have also been issued dealing with the sale of drugs, perfumery, etc.

Business Changes.

Mr. J. E. Howard, chemist and druggist, has purchased the business of Mr. H. Schofield, Milford, Surrey.

The title of Lichtenstein & Co., Ltd., caramel manufacturers, has been altered, and the business will be carried on under the style of L. Lambert & Co., Ltd., Colne Works, Uxbridge, Middlesex.

Mr. W. I. Hough, chemist and druggist, has become the sole proprietor of the business of Taylor & Hough, chemists, Market Street, Marple, the senior partner, Mr. Henry Taylor, chemist and druggist, having retired on account of ill-health.

Mr. Spencer R. Simnett and Mr. Roland E. Simnett, chemists and druggists, have disposed of their respective businesses in Islington and Wood Green, London, N., and purchased the business known as Pryor's, High Street, Beckenham, previously carried on by Mr. F. E. Farmar.

Wholesale Druggists' Fire.

The head offices and packing-rooms of Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool, a four-storey building, were gutted, in the early morning of March 15, by a fire which burnt fiercely from shortly after midnight until 5.30 a.m. Not less than 150,000*l.* worth of damage (covered by insurance) has been done, and 600 employees are rendered idle. The destroyed departments, which are to be resuscitated in temporary premises, embrace those devoted to surgical appliances (on the third storey in which the fire originated), patent medicines (on the floor immediately beneath), fancy goods, glass bottles, glass-blowing, box-making, glass-writing, and printing. The loss of printing machinery alone forms a heavy item. By the sounding of the company's automatic fire-alarm at 12.35 a.m. the attention of the police was called, and the fire brigade responded so readily that, although the flames spread upwards and downwards until the deep building became gutted, the contents of the office, including the glass in the front windows, were saved, and the spreading of the flames to the adjoining premises was almost averted.

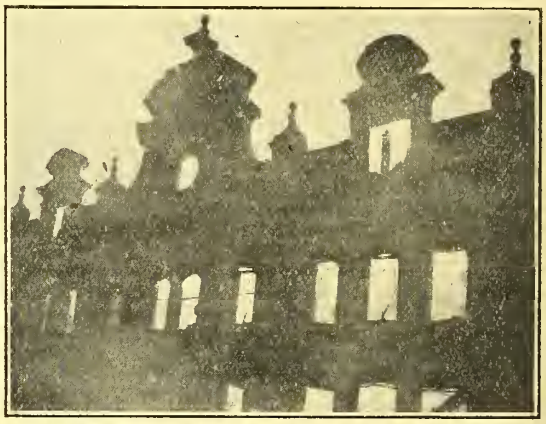

Photo.] [*Liverpool P. P. Agency.*

The handsome façade remained intact, but in such a tottering state that the section of the street had to be barricaded, the ornamental stone apex being apparently in danger of falling from its great height at any moment. One top corner of the adjoining block, occupied by R. Sumner & Co., Ltd., caught fire, and only by a copious stream of water were the flames checked. Inevitably, the damage by water was considerable. The spectacle of the fire in the small hours of the morning attracted thousands of spectators, among whom were the dancers at a fancy-dress ball. Mr. W. H. Saunders, chairman of the company, was in London when the fire occurred and received the news by wire. His fellow-directors met early in the day, and at once took on a proportion of the burnt-out staff to assist at the Duke Street offices and warehouse. Ayrton, Saunders & Co., Ltd., inform us that they are in a position to execute all orders for drugs, chemicals, pharmaceuticals, pills, tablets, and capsules. Business will be at present centralised in the fine modern block in Duke Street acquired by the company a few years ago.

Atoms and Crystals.—Lecturing at University College, London, on March 15, Sir W. H. Bragg pointed out that by passing x-rays through a crystal it was possible to measure the distance between layers of atoms, and by turning the crystal the relation of all the atoms in it could be discovered. When, he added, we could determine the way in which the atoms piled themselves together in everything, we should be able to say that such-and-such crystals were forming. We should then have gone a whole stage further in analysis.

Retail Pharmacists' Union.

Executive Committee Candidates.

Voting papers have been issued for the election of the Executive Committee. The instructions accompanying the papers state that members of the Chemists' Defence Association, Ltd., who have not enrolled themselves in the R.P.U. are eligible as voters, and the signing of the voting paper will be regarded as an indication that they desire enrolment in the Union. Pharmacists in business who are not members of the Union nor of the C.D.A. may vote at this election if they enclose with their voting paper a remittance for either 35*s*. or 47*s*. in respect of each shop. Voting papers must be despatched by post so as to be delivered at the office of the secretary, 113 Temple Chambers, Temple Avenue, London, E.C. 4, on or before March 24.

The following candidates have accepted nomination :

Section 1 (Metropolitan).

Atkins, Ernest Andrew, 71 East Hill, Wandsworth, S.W.
Goode, Charles Edward Adams, 11 King Street, Twickenham.
Keith, Alexander Reid, 6 Chrisp Street, Poplar, E.
Melhuish, Andrew Ralph, 78 Duke Street, Grosvenor Square, W.
Neathercoat, Ernest Tom, Church Street, Weybridge.
Wolff, Hugo, 21 Hart Grove, Ealing Common, W.

Mr. C. A. Noble, ex-President of the Western (London) Pharmacists' Association, writes :

Will you permit me to bring before my fellow-electors of No. 1 (Metropolitan) area the desirability of giving their cordial support to Mr. A. R. Melhuish in the coming election for the R.P.U. Executive? No man has taken a greater or more active part in the formation of our new Union than Mr. Melhuish. I feel strongly that his long business experience and record of good work, in Ministry of Health and other Government negotiations, on the Local Associations Executive, on the Insurance and Pharmaceutical Committees, as well as on the trade committee of London County, should merit for him all the support we can give. I sincerely believe that at this early and critical period of the R.P.U. a wise and careful selection of men for its first Executive is of the utmost importance.

Section 2 (Western).

Adamson, Joseph William, 3 Queen's Buildings, Station Road, Colwyn Bay.
Barnes, Arthur Swaby, 5 Regent Street, Rugby.
Biggs, Frederick William, 18 Market Street, Stourbridge.
Davis, Charles, 90 Warwick Street, Leamington Spa.
Francis, James Bridge, Hope Street, Wrexham.
Joseph, Leopold, 84 Albany Road, Cardiff.
Lloyd, Herbert Oliver, 11 Suffolk Parade, Cheltenham.
Pout, Donald George, Barbourne Road, Worcester.

Mr. Donald G. Pout, Barbourne Road, Worcester, was for several years the secretary of the Worcester City and County Pharmacists' Association and of the Pharmaceutical Committee for the same district, and is a member of the executive of the West Midland Federation of Pharmaceutical Associations. He issues the following statement of his aims :

(1) To protect the trading interests of retail pharmacists—*e.g.*, to combat municipal trading through health departments, welfare clinics, etc.; retailing of drugs and medicines by all and sundry traders; anomalies in the administration of the Food and Drugs Acts; legislation inimical to the interests of retail pharmacists.
(2) To secure adequate profits on all proprietary goods.
(3) To safeguard the interests of retail pharmacists as Insurance dispensers.
(4) To promote the spirit of co-operation in the Union branches.
(5) To make the R.P.U. the retail pharmacist's best friend.

Section 3 (Southern).

Browne, Henry Charles, 1 Cornfield Road, Eastbourne.
French, John Edward, 128 High Street, Sittingbourne.
Frost, William Thomas, The Bridge Pharmacy, Worthing.
Jones, Edgar Alfred, 94 Preston Drove, Brighton.
Martin, Hubert Joseph, 56 Bargates, Christchurch, Hants.
Matthews, Harold Evan, 30 The Mall, Clifton, Bristol.
Rock, Montague Curtis, 38 King Street, Maidenhead.
Yates, Charles George, 9 Upper Hamilton Road, Brighton.

Section 4 (North-Eastern).

Flemming, Thomas Henry, 156 Newgate Street, Newcastle-on-Tyne.
Forster, William, 30 Church Street, Seaham Harbour.
Gilleghan, Herbert, 128 Roundhay Road, Leeds.
Hawkins, Philip, 164 Quay Road, Bridlington.
Jackson, Joseph Gilbert, 338 Abbeydale Road, Sheffield.
Nimmo, William, 19 St. Lukes Terrace, Pallion, Sunderland.
Richardson, Arthur, 439 Hessle Road, Hull.
Walshaw, Richard Carnelly, 41 Market Place, Huddersfield.

Mr. H. Gilleghan, Roundhay Road, Leeds, is President of the Leeds Chemists' Association, secretary of the North-Eastern Federation of Pharmaceutical Associations, and secretary of the Leeds Pharmaceutical Committee.

Section 5 (North-Western).

Deakin, John William, 36 Witton Street, Northwich.
Hardy, Thomas, 91 Crosby Street, Maryport.
Hindle, Fred, 43 Fishergate, Preston.
Nidd, John Henry, 714 Rochdale Road, Manchester.
West, Robert Henry, 25 York Road, Birkdale, Southport.

Section 6 (Central).

Body, Sydney Francis, 167 High Street, Southend-on-Sea.
Hague, John, 18 High Street, Lincoln.
Ridyard, Clement William, Market Place, Codnor, Derby.
Robinson, Percy, 13 Orford Hill, Norwich.
Young, Arthur Edward, 16 Gallowtree Gate, Leicester.

Bournemouth.—A meeting of the Proprietors' section of the Bournemouth Pharmaceutical Association was held on March 8, Mr. H. J. Martin in the chair. Mr. Rose gave an interesting report of the meeting held in London to inaugurate the Retail Pharmacists' Union, and it was afterwards resolved that the section should become a branch of the Union. The forthcoming election of the Executive Committee of the R.P.U. was discussed, many members pointing out the desirability of electing a committee of business men. The chairman (Mr. H. J. Martin) was asked to allow himself to be nominated for election, and this he agreed to. Mr. Martin's decision was received with acclamation, and many members filled in nomination papers on his behalf. The following resolution was then passed : That this branch of the R.P.U. strongly supports and recommends the candidature of Mr. Martin for election to the Executive Committee, and pledges itself to do all in its power to secure his return.

Ealing.—The meeting of the Ealing Pharmacists' Association was held on March 8, the President (Mr. H. L. Ironmonger) in the chair. A letter had been received from the "Script" Sports Club asking if Ealing could raise a team to enter the shooting competition. This matter was left to Mr. Akerman. A. & F. Pears, Ltd., have extended an invitation for members of the Association to visit their works at Isleworth on March 16. The President introduced Mr. G. A. Mallinson, who addressed the meeting on the Retail Pharmacists' Union. Mr. Mallinson recapitulated the events that preceded the formation of the Union. He took a number of the observations that critics had made, and in answering them made out a good case for the Union as at present constituted. They were going, he said, to raise a structure that would be a credit to pharmacy. One of the most gratifying things was the way in which those chemists who had never belonged to the Chemists' Defence Association were coming in. When the Union was at full strength they would have what they had never had before—a body that could speak for the retail proprietor-pharmacist. At the close of an interesting address Mr. Mallinson answered a number of questions. It was proposed by Mr. Williams and seconded by Mr. Storm that a branch of the R.P.U. be formed in Ealing.

Newport (Mon.).—At a meeting of the Newport (Mon.) Chemists' Association, held on March 8, it was agreed to support the candidature of Mr. Leo Joseph, J.P., Cardiff, in the forthcoming election of the Executive Committee of the Retail Pharmacists' Union. Mr. T. J. Badgett was delegated to the meeting of the South Wales and Monmouthshire Federation of Pharmacists to be held at Tonypandy on March 17.

North-East Area.—Mr. Gilleghan, on March 10 and 11, addressed gatherings of the Bradford Pharmacists' Association and Leeds Chemists' Association on his candidature for the executive committee of the Retail Pharmacists' Union, and was assured of their support. Mr. Gilleghan made a strong point of the possibility of the new Union eventually imposing compulsion on chemists who fail at present to appreciate the need for the presence of every pharmacist in his craft organisation. The weak spot in the Local Associations Executive, in his view, has been the lack of any penalty for infringement of rules. Mr. Gilleghan stated that he had been disgusted by the manner in which pharmacy is hedged round with combines amongst the manufacturers and wholesalers, and by the way in which these sections of the craft, even after a joint decision in the Proprietary Articles Trade Association, say, "This rate is not good enough for us; we must have something better." Mr. Gilleghan's contention is that until chemists are absolutely united that kind of thing will continue. The rule providing for affiliation with other bodies should have much effect in forcing into combination the delinquents. Mr. Gilleghan also pointed to the protection which can be afforded to chemists against trouble with the many laws and regulations under which the craft labours, by virtue of a strong union, acting in conjunction with the Chemists' Defence Association, and he welcomed the fact that one could not be a member of the C.D.A. now without being a member of the R.P.U. At the Leeds meeting the decision to support Mr. Gilleghan was spontaneous. Owing to local circumstances, the Bradford association had not been able to call a special meeting of the proprietors' section, but it was announced by the President (Mr. L. B. Sutcliffe) at the ordinary meeting that Mr. Gilleghan was likely to receive united support from Bradford when the matter was dealt with by the proprietors' section. At the Bradford meeting Mr. Milner (London), a director of the C.D.A., said he did not know whether it was within his province to advocate the candidature of Mr. Gilleghan, but so far as he might do so personally he strongly recommended Mr. Gilleghan, and thought Mr. Gilleghan's remarks to the meeting proved the excellent grasp which he had of the whole pharmaceutical situation. He agreed that until the screw is put upon the men who did not fall into line the chemists will never be able to deal effectively with the manufacturers.

Southport.—An important meeting of the Southport Chemists' Association took place at the Queen's Hotel on March 9, Mr. A. H. Messenger (President) in the chair. There was a large attendance of members, together with the following visitors: Mr. G. Mallinson (London, secretary of the Retail Pharmacists' Union), Mr. Hershberg (Manchester), Mr. Worthington, Mr. Hunter, and Mr. Winstanley (Wigan), Mr. Clubb (President, Liverpool Chemists' Association), Mr. J. L. Hirst (secretary, Liverpool Association), Mr. D. H. Evans, Mr. A. S. Furniss, Mr. L. Moreton Parry (Liverpool, a member of the Pharmaceutical Society's Council), and Mr. Horace Phillips. Mr. Mallinson addressed the meeting, first explaining the position arising from the Dangerous Drugs Act Draft Regulations and showing how the Home Office had drafted the Regulations as if they were only Home Office Orders such as were issued to the police. He then proceeded to explain the Retail Pharmacists' Union. There was some doubt, he found, expressed regarding one of the objects, which suggested they intended to regulate hours of business, and another object, which said they intended to regulate prices. One chemist told him that that meant all freedom would be gone for the individual absolutely. His reply was that, so far as regulation of hours of business was concerned, obviously that was a proper object for the Union, because through the branches they ought to be able to regulate hours locally, and it could only be done locally. In regard to selling-prices, that was also a local question. In regard to buying, he thought they could do something nationally. What they had in mind actually was the price they paid for proprietary articles, and as to drugs, he thought, when thoroughly organised, they would have to talk to the Drug Club. He did not mean they would necessarily quarrel with the Drug Club. In regard to the other objects, not detailed in the prospectus, he might put it that they were out to create a business organisation to which a member would turn if in any difficulty in connection with his business. Giving instances of how they might help members, the speaker told how, through the Union, he had assisted a man who had had trouble with the Employment Exchange about the insurance of an assistant. Mr. Mallinson said that he thought giving the service they did through those four things—price maintenance, indemnity insurance, trade organisation generally, and National Health Insurance work—they could legitimately claim they would be giving better value for the subscription they were asking than for any other pharmaceutical subscription before or likely to be asked for in the future. Naturally a section of the Press was not too anxious for very strong trade organisations. They started out by praising the Union to a certain extent, but damned it with faint praise. Now, of course, they would have noticed they were doing it the other way round; they were blessing it with faint damns. (Laughter.) There was nothing that could be so injurious to progress so far as any organisation was concerned as to be altogether blamed or altogether praised. Then there were those who said the Union would compete with the Society. He maintained that the Union need not compete with the Society at all; but, even if it did compete with the Society, he maintained they had an absolute right to organise themselves as retail pharmacists. The only set of members of the Society who had not got that sectional organisation were the retail pharmacists. They had to think of the future. Fortunately, owing to the tendency to retrenchment in the Government, the Ministry of Health's scheme of public-health service was crippled, but it would be brought forward again. How is the Society going to protect retail pharmacists? The Society's real interest is to protect the qualification, but that did not necessarily protect the retail pharmacists' interests. With a public-health service, the qualification that the Society might arrange might well be one vastly superior to the present qualification, and yet, by the very reason that that public-health service existed, retailers' business interests might be seriously damaged. He did not think the Society would let them down, but there might come a time when the Society's main interest, which was protecting the qualification, would conflict with the retailers' interests. So far as future criticism was concerned, that would come from the Press all the time. They did not mind that, because it was the function of the Press to criticise, and sound criticism did nobody any harm. Mr. Mallinson explained the steps necessary to become a member, and appealed for donations towards the initial expenses of starting the Union. In reply to Mr. Hershberg, Mr. Mallinson said the basis of voting in national matters was one vote for each shop. If a member had three shops he had three votes. But for local purposes they had not yet come to a decision. He thought, however, that would be the basis—one man, one vote. Mr. Hunter asked a question as to the position of the limited liability companies. Mr. Mallinson said the small companies had joined the Union but the big companies had not. The latter, however, had assured them they would work with the Union officials. Mr. Hunter called attention to the advertisement of a widely known proprietary. It gave the names of certain places where it could be bought, and added "and of all respectable chemists." (Laughter.) Mr. Mallinson agreed that that was a thing they might very well take up. Mr. L. Moreton Parry said there would be work for the Union and the Society side by side. Mr. West and Mr. Naylor also asked questions and offered suggestions. The President mentioned that the Vice-President, Mr. Robert H. West, had agreed to accept nomination as a candidate for the R.P.U. Executive Committee (North-Western Area, No. 5), and asked that members of the Union in this area would register their votes for Mr. West, who was well qualified for the position. For five years he held the office of secretary of the Southport Association, and was now their Vice-President. During the war he acted as one of the pharmacy members of the Joint Committee for dealing with military service. He was also a member of the Southport Insurance Committee.

Associations' Winter Session.

Bradford.—A meeting of the Bradford Pharmacists' Association was held on March 10, Mr. L. B. Sutcliffe presiding, at which Mr. Harold Miller (Cheltenham) gave an address on *The Business Side of Pharmacy.* To make a success of pharmacy nowadays, he said, a man must be a practical business man, something more than a mere chemist. They found that the visitor to town usually goes to the multiple stores, because the latter have chosen the best locations. Chemists themselves, of course, know that they can compete with the store in prices, and probably give better value. Chemists have no real right to an exclusive claim to any side of the trade except what the law gives them—namely, the poisons. For the rest they have to compete. The ultimate decision rests on service given. Pharmacy undoubtedly is being largely Americanised here, and chemists will have to conform to the rules of trade. One rule is that no business ought to cost more than 10 per cent. of its turnover in wages. He doubted whether many chemists' shops are run at that figure. Carriage on goods is increasing—an item to be watched. Chemists, Mr. Miller thought, have made a fetish of percentage profit, which is all right up to a point, but depends entirely on the amount of business passing. If the chemist is to prosper, he must follow the American fashion and ally himself more and more with publicity through the Press, and must work more and more with the big productive advertisers. They have objected to manufacturers using chemists' windows and then going to the hairdresser to do the same. Seeing that the trade is not unanimous in boycotting that sort of thing, they have to put up with it. Legislation is coming along which will limit chemists' business, and the tendency of the public is to use less physic. Therefore the sundries trade, which has been badly neglected, must receive more attention, and there is no limit to its possibilities. The chemist must look for opportunities lying around him, and must go outside of his shop to find business. Mr. Miller said in his own business he had made considerable success by obtaining lists of farmers and circularising them fortnightly or weekly to supply veterinary and other goods; pork butchers, to supply saltpetre, spices, etc.; hairdressers, to supply spirits for hair lotions, and so on. He saw no reason why the town chemists should not regularly circularise the nursing homes, the doctors, and the dentists. One of the biggest multiple chemists has now a staff of men going the round of the doctors, and they will wear down whatever prejudice there might be. Why should the doctor be able to get a better selection of surgical goods or other things at the multiple shop than at the private chemist's shop? It is up to the chemist to remedy that. Unless the chemist can put up a fight the public will go more and more to the big store, where there are cafés and other attractive features. Whether one admires that kind of trading or not, it gives the public what it wants, and that means success. Speaking of proprietary articles, a profit of 25 per cent. on quick turnover of heavily advertised lines is a good profit, and as big as is ever likely to be got. No chemist's business ought to cost more than 15 to 17 per cent. to run. Mr. F. E. Burdett, proposing a vote of thanks, said people go to the big draper and similar traders for perfumery because they can walk round there and pick the things up, and because of the enormous selection. He did not entirely agree that the public are taking less physic, but in any case the chemist has to cater for the healthy person as well as the sick. With regard to window shows, a wholesaler would tell the chemist that if he would take so much they will give so much for a window show. The wholesaler does not talk like that when he is paying for newspaper or hoarding space. If it is worth while to pay for such space, how much more is it worth while to pay properly for space in the window, where the people can go straight in and buy the article advertised? Mr. W. Sutcliffe, seconding the vote of thanks, said they were glad to have Mr. Miller with them after two postponements owing to illness. The idea of going outside the shop to get business is appealing, but it would mean laying down a lot of capital.

Brighton.—A meeting of the Brighton and Hove Association of Pharmacy was held on March 10, the President (Mr. C. G. Yates) in the chair. A vote of condolence with the family of the late Mr. J. R. Gwatkin was passed, the members standing. Mr. H. R. Gwatkin was asked to take over the office of treasurer, which his father had held for so many years. The members approved of the steps taken by the secretary, Mr. F. W. Burgess, in having a petition signed and presented to the Home Office, and in getting local members of Parliament to attend a meeting organised by the Pharmaceutical Society at the House of Commons. The secretary was instructed to write Mr. Mallinson, inviting him down to address a meeting in connection with the Retail Pharmacists' Union. It was agreed to offer a prize for the pharmacy students at the Technical College. Mr. Burgess is hoping to enlist the sympathies of the ladies to help Miss Buchanan with her stall in aid of the Bazaar Fund at the Chemists' Exhibition. Arrangements for a whist-drive and musical evening were confirmed. It was decided to ask the telephone authorities to place chemists in a preferred position on the list.

Dublin.—The Dublin and Provincial Retail Drug Association held a committee meeting on March 9, Mr. A. Owen Wells (President) in the chair. The following were also present: Messrs. R. White, R. F. Campbell, Robert Mellon, G. A. McLean Lee, A. H. Oliphant, D. M. Watson, Jas. A. Walsh, Geo. Brown, W. F. Ellis, V. E. Hanna, and R. J. Kidney, secretary. Correspondence from the following was received and dealt with: Messrs. C. E. Fulford, Ltd., Dublin Wholesale Druggists' Association, Holohan's Medical Hall, and V. E. Hanna. A communication from the Gillette Safety Razor Co. was ordered to be circulated among the members of the Association.

Edinburgh.—The Edinburgh Chemists', Assistants', and Apprentices' Association held a meeting on March 9, Miss M. Grant Boag (Vice-President) in the chair. In a communication on *Drug Habits,* Mr. J. Tait, Ph.C., gave an interesting *résumé* of the origins of the drug habit, its world-wide prevalence, the different drugs used, and their differing effects as influenced by soil and climate and idiosyncrasy, the physical and mental and moral effects attributed to their use, and the means adopted to cure those addicted to them. Mr. J. Rutherford Hill, Ph.C., gave an account of the principles at stake in the Dangerous Drugs Act Regulations, and their bearing on the practice of pharmacy. He had just learned that the meeting of members of Parliament, held at the House of Commons that afternoon, had been eminently successful, and the Home Secretary had so far yielded as to consent to the appointment of a committee to advise in re-drafting the Regulations.

Leeds.—Mr. F. G. Hines (York), member of the Council of the Pharmaceutical Society, gave *A Personal Chat on Pertinent Points* before the Leeds Chemists' Association on March 9. The President (Mr. H. Gilleghan) occupied the chair, and in welcoming Mr. Hines said anything which meant progress in pharmaceutical affairs always received Mr. Hines's earnest attention and support. Mr. Hines said he had often wondered how many of them were entirely satisfied with the position they held in the trading community. The possibilities of attraction by means of one's window, to his mind, peculiarly existed at the present time. Perhaps they themselves did not appreciate sufficiently how the public went around inspecting windows with regard to sales and prices. This was worth remembering in window-display. Some chemists' windows he had seen were a positive disgrace. With regard to internal arrangements he thought there was considerable room for improvement. Mr. Hines added that he had also sometimes wondered how many men formed a sinking fund for the renovation of their shops. Speaking of dead stock, few businesses were so much at the mercy of the exploiting capitalists as were the chemists at the present moment. Certain firms, by their extensive advertising methods, compelled chemists to tie up capital in proprietary remedies that might or might not be an adjunct to their future benefits, and as men who were delivering the goods they stood to lose. It had fre-

quently been suggested that a clearing house be organised for such stock, but nothing had been done in the matter. Touching on the question of trading "rings," Mr. Hines said chemists lost every time, and he was sorry they were unable to organise a better protection for themselves. He did hope that in the future they would find ways and means to bring methods to bear on manufacturers who exploited them. He also wished something could be done with regard to the individuals who copied their trade-mark and appropriated their rights—those who were unqualified, but who did not hesitate to put over their premises the word "Pharmacy." With regard to Insurance matters, Mr. Hines said he was not satisfied with the arrangements that had been made. In his opinion chemists made a foolish move when they allowed the Insurance Commissioners to fill in invoices for them. It was an absurdity from a business point of view. He considered the administration of the War Auxiliary Benefit Fund was unsatisfactory, and he trusted that steps would be taken to see that the funds were better utilised than they are to-day. "So far as my own position in pharmacy is concerned," remarked Mr. Hines, "I have never been out to be a purely destructive critic, but I have attacked things which appeared to me to be purely humbug or in which personal aggrandisement was concerned." Referring to the Dangerous Drugs Act, he urged all of them not to be afraid to challenge authority, and particularly the official who pretended he knew everything In the discussion which followed, one member thought the advertising of goods by the manufacturer was a good thing for the chemist. Another, speaking on the question of window-display, said he considered such a matter depended entirely upon the neighbourhood a member traded in; while a sinking fund did not appeal to a third member.

Leicester.—A meeting of the Leicester and Leicestershire Pharmaceutical Association, held on March 9, to which the assistants had been invited, was addressed by Mr. F. W. Goodess on *Does Dispensing Pay?* Mr. Goodess pointed out that the increase of dispensing-charges had not kept pace with the advances in the price of labour, drugs, etc., enforcing his remarks with typical examples. Following a discussion, Mr. F. H. Clark moved and Mr. F. Young seconded that the following resolution be sent to the Pricing Committee: "That this meeting agrees that the present charges for dispensing are not remunerative, and that steps be taken to increase the dispensing-charges, so that dispensing becomes a commercial proposition. That this meeting requests the Association to instruct the Pricing Committee to consider what steps can be taken to give effect to this resolution."

Liverpool.—A meeting of the Liverpool Chemists' Association was held at the Royal Institution on March 16, the President (Mr. W. H. Clubb) in the chair. A resolution was passed expressing the sympathy of the Association with the directors and staff of Ayrton, Saunders & Co., Ltd., regarding the disastrous fire. Professor Lewis, Lecturer in Bacteriology at the University of Liverpool, addressed the meeting on *Bacteriology as Applied to Industry.* Professor Lewis said that, at every stage of life, the world is faced with bacterial activity which is mostly useful, or, where harmful, usually represented matter out of place. He urged the importance of bacteriology as applied to public health, to economics, to food production and preservation, and to the manufacture of many articles. The time had gone by, he added, when young men should spend time in the study of classics to the neglect of science. Science was objected to on the ground that it made men and women materialistic, but the lecturer demonstrated how, by ignoring science, lives were sacrificed or made wretched, and Nature's forces were wasted. A cordial vote of thanks to Professor Lewis closed the proceedings.

London (W.).—A meeting of the Western Pharmacists' Association was held at Pinoli's Restaurant, Wardour Street, on March 16, the President (Mr. H. S. Watson) in the chair. The general secretary, Mr. B. R. Wilkinson, referred to the co-operation of the local authorities in connection with the inspection and collection of brushes believed to be infected with anthrax. In Kensington infected brushes will be purchased from retailers by the medical officer of health. The President then called on Dr. Llewllyn J. Llewllyn to read his paper on *Modern Views on the Nature of Gout.* Dr. Llewllyn alluded, in the course of his remarks, to the work of Paracelsus, Scheele, Woollaston, Garrod, and others. The progress of recent years made by bio-chemists and pathologists has exploded several fallacies, and the uric acid bogey in particular. Gout invariably arises from infection—*e.g.*, pyorrhœa alveolaris combined with a predisposition towards it. As regards drugs, colchicum is undoubtedly the best remedy. To attempt to diagnose gout from a single urine analysis is folly, as it has been proved conclusively that although a person has an excessive quantity of uric acid in his system he need not suffer from the disease. Excess of uric acid is not peculiar to gout, large quantities being found in other diseases. Examinations of the blood for uric acid were impracticable until the recent colorimetric method was devised by Folin and Dennis. At the conclusion of the paper the President referred to the forthcoming elections in the Retail Pharmacists' Union, and expressed a hope that Mr. Melhuish would be returned at the top of the poll. A cordial vote of thanks to Dr. Llewllyn closed the proceedings.

Manchester.—A meeting of the Manchester Pharmaceutical Association was held on March 9, the President (Mr. John Cleworth) in the chair, at which Mr. Pilkington Sargeant (Vice-President of the Pharmaceutical Society) gave an address on *The Pharmaceutical Position.* Mr. Sargeant said it was a pleasure to address the members of the Association to which he belonged twenty-three years ago. He submitted at the present time that the position of pharmacy was as good as that of any other profession. This was due to the far-sighted policy of the Pharmaceutical Council aided by a more efficient body of officials. He gave a historical survey of the various crises through which pharmacy had passed since 1898, commenting on the Insurance Act, the Proprietary Medicines Bill, and the Dangerous Drugs Act Draft Regulations. The Dangerous Drugs Act he described as typical of the skeleton type of measures passed by Parliament, the body being built up afterwards by departmental regulations. He described how all the interested parties—medical, pharmaceutical, veterinary, and other bodies—had united to protest against the measure. In the Act the Home Office had power to remove from the list of licensees anyone against whom a complaint had been made. Through the Council's representations this had been altered, so that now the Home Office will consult with the Pharmaceutical Society before deleting any pharmacist's name. Mr. Sargeant, after referring to the importance of the 1908 Act, said that several clauses had been applied, notably with regard to examinations, reciprocity, and the admission of apothecaries' assistants to the Register. Regulations governing study and examination of our young men had also been applied. The Qualifying examination had been divided, and now the student gets his scientific foundation at a school recognised by the Pharmaceutical Society, equipped and adequately staffed. A further step he would like to see, and that was that in the shops where apprentices were taken, the training of youths should be controlled by the Pharmaceutical Society in order that the training could be supervised and carried out efficiently. The Major examination must be made worth something. The great activities of the Ministry of Health would no doubt create vacancies for which pharmaceutical chemists could be specially trained and equipped. The pharmaceutical chemist of the future would have to be a biologist and something of a pathologist. It was necessary to have this class of chemist ready as vacancies arise. Mr. Sargeant then dealt with the test case and subsequent developments, explaining the functions of the Pharmaceutical Society and the Retail Pharmacists' Union. Mr. Sargeant concluded by urging local Associations to continue their good work. Loyalty to the Pharmaceutical Society was necessary if they were to retain their qualification and if they wished to extend their business in pharmacy. After a few questions had been answered by Mr. Sargeant, a vote of thanks was

accorded to him for the address. The President then called upon Mr. J. W. Deakin, J.P., chairman of the Local Associations Executive, to tell them about the *Retail Pharmacists' Union*. Mr. Deakin said the Union was receiving general support throughout the whole of the country and already was an assured success. He explained how they came to link up with the Chemists' Defence Association and the Proprietary Articles Trade Association, and the difficulties which had to be overcome before the present organisation was established. He referred to the Dangerous Drugs Act Regulations, and Insurance remuneration, and emphasised Mr. Sargeant's opinion that the Society was as essential to pharmacy on the technical side as the R.P.U. was on the business side. In thanking Mr. Deakin for his address, the President urged members of the R.P.U. to support the candidature of Mr. Deakin and Mr. Nidd in the forthcoming election.

Middlesex.—The Middlesex Pharmaceutical Association held a recent meeting of the Executive, at which the secretary explained the position in regard to the Retail Pharmacists' Union. It was decided that the secretary should take steps, with the collaboration of the district secretaries, to bring the advantages of joining the new Union to the attention of the Middlesex pharmacists. It was notified that Mr. Goode had succeeded Mr. Peake as secretary of the Thames Valley Association. A committee of ladies in connection with the North London Pharmaceutical Association is working to provide material for the Benevolent Fund Stall at the Chemists' Exhibition in June. These ladies would welcome any assistance from other parts of the county. The secretary raised the question of the financial position of the Executive, and advised that the district associations should not be asked to make any contributions in future. It was also agreed to form a Middlesex branch of the Retail Pharmacists' Union, any necessary steps being taken to modify the constitution of the county Association accordingly.

Thames Valley.—A meeting of the Thames Valley Pharmacists' Association was held on March 16, the President (Mr. F. J. Plomley) in the chair. An outline of the new Insurance dispensing terms, which showed an average increase of 12½ per cent., was given by Mr. F. Cherry. The action of the secretary in writing a letter to the Home Office protesting against the Draft Regulations was confirmed. The President appealed to those present to send him articles for the Benevolent Fund stall at the Chemists' Exhibition in June. A short discussion took place on the Retail Pharmacists' Union, when it was mentioned that the secretary, Mr. C. Goode, had been nominated as a candidate at the forthcoming election. It was decided to form a branch of the Union within the Association. It was decided also to form an Executive Committee, with the President, secretary, and treasurer, to deal with any matter of importance that might arise. The second of the series of addresses by prominent wholesalers was then given by Mr. W. E. Booth, a director of A. & F. Pears, Ltd. Mr. Booth, whose subject was *A Business Chat*, showed how, by introducing up-to-date methods, such as an adequate staff and competent representatives, changes in the style of advertisement, the starting of new lines such as the "Golden Series," and price protection, the turnover in Pears' home trade had been multiplied six times and the export trade had also expanded considerably. That, he said, was a method as applicable to Pears' business as it is to the chemist's. He advocated courage as a means to success. It is necessary to accept a little risk occasionally. Speaking of window-dressing, Mr. Booth said the window is often the principal advertisement of the retailer. The paying window is that containing articles in which the majority of people have an interest. He instanced Pears' Soap "Golden Series" as a typical example. One of his suggestions was to link up the window show with a counter display. He offered the assistance of his advertising staff, New Oxford Street, to those who contemplated the issue of advertising matter. After a few points on the policy of Pears towards the customers, Mr. Booth gave an interesting account of the daily round at the offices of the company and the many advantages which the staff enjoy. Passing to the business outlook of to-day, the speaker said the great need of the moment is to revive production and consumption, and thought a reduction in the Treasury Bill rate would be followed by a reduction in the Bank rate. With regard to quick sales, very often, he said, these are not taken into consideration sufficiently by the retailer, and it pays best to handle quick-selling lines although the profit on each sale may appear small. He was optimistic regarding the future from the chemist's point of view. The man who studies the needs of his customers and conducts his business on the right line is sure to succeed. In opening the discussion, the President said that Mr. Booth had invited the Association to visit the works at Isleworth during the summer. An interesting discussion ensued, many of the speakers asking whether a series of Messrs. Pears' goods could not be introduced the sale of which could be restricted to chemists. In replying, Mr. Booth hoped when they visited the works they would make as large a party as possible, and promised them an interesting afternoon. As regards the introduction of a series restricted to chemists, he had already given that consideration, and thought that perhaps something could be done to meet their wishes.

Women Pharmacists.—The London Group of the National Association of Women Pharmacists held a meeting recently, when an interesting lecture was given by Dr. J. Stanley White on *The Nature and Use of Biological Products*. Many interesting slides were shown and described. The second part of the lecture dealt with organotherapy. The members then discussed the Draft Regulations under the Dangerous Drugs Act, and decided to communicate further with the Home Secretary.

West Midland Federation.

A meeting of the West Midland Federation of Pharmaceutical Associations was held recently at the Chamber of Commerce, Birmingham, Mr. H. O. Lloyd (President) in the chair. Delegates representing eleven Associations were present. Further steps were taken in the campaign against unprofitable proprietaries. It was decided to hold the second members' meeting of the session at Stafford on April 21, and to invite the President of the Pharmaceutical Society to be present. Mr. G. A. Mallinson (secretary of the Retail Pharmacists' Union) explained the present position of the Union, and the steps contemplated in the formation of local branches, and Mr. C. Davis, a member of the present executive body, also spoke.

Scottish Pharmaceutical Federation.

At a meeting of the Scottish Pharmaceutical Federation (Glasgow Branch), held in the Religious Institution Rooms, 200 Buchanan Street, Glasgow, on March 4, a paper was read by Mr. J. Miller Thomson, LL.B., W.S., on

THE LAW RELATING TO TRADE COMBINATIONS.

Mr. Mackenzie (President) occupied the chair. At the outset Mr. Thomson pointed out that he did not intend to deal with the subject philosophically or from the point of view of the policy of the law. His intention was to give a fair account of the existing law, and to limit his subject to the law relating to such trade combinations as were trade unions. Before 1871 all associations or combinations, whose purposes were, as a whole, in restraint of trade, were unlawful associations. Their contracts were unenforceable in the law courts. The courts declined to assist in enforcing not only agreements relating to restraints of trade, which might be the purposes of the associations, but also any agreements that might not of themselves offend against the rules of restraint of trade, for example, agreements of leases of premises. It was also noted that no civil remedy was available for the embezzlement of the funds of a trade union. On the other hand, the position was not without its advantages. The court had no control of the internal administration of the unions, and the obligations of the unions could not be enforced by members in the courts of law. By

the Trade Union Act of 1871 Parliament proceeded to deal with the problem of removing the alleged grievances and at the same time discountenancing any legal support of contracts, which were primarily in restraint of trade. By that Act it was provided that the purposes of any trade union should, not by reason merely that they were in restraint of trade, be deemed to be unlawful so as to render void or voidable any agreement of trust, or to render any member of such trade union liable to criminal prosecution for conspiracy or otherwise. The result was that ordinary agreements for the carrying on of the business of trade unions could be enforced, directly or indirectly, but by section 4 it was provided that nothing in the Act would enable any court to entertain any legal proceedings instituted with the object of directly enforcing or recovering damages for breach of the agreements that were therein set forth, being generally agreements providing that the conditions upon which any members for the time being could or could not sell their goods, transact business, or be employed. By an amendment in 1876 of the definition of a trade union, a body might be a trade union whose constitution contained merely restrictive conditions upon the conduct of the trade or business of members, but which conditions were not necessarily, in the eye of the law, in restraint of trade. This was illustrated by the case of the Edinburgh and District Aërated Water Manufacturers' Association, Limited *v.* Jenkinson, where it was held that an association whose purposes were not only lawful, but laudable, was a trade union because it contained some mild restrictive conditions regarding the methods upon which members could exchange their bottles, vanmen, etc. Being a trade union, its registration under the Companies Acts was null and void in terms of section 5 of the Trade Union Act of 1871. It was pointed out that trade-union law applied to associations, not only of workmen but of employers and traders. It was noted that, although the courts would not enforce directly agreements that were in restraint of trade, there were indirect methods of enforcing such agreements which the courts would not interfere with, as was illustrated in certain cases where the law courts refused to give an order for delivery of property belonging to a member, withheld by the trade union, until that member paid a penalty under the rules. In pursuing the subject Mr. Thomson pointed out the kind of agreements that were in restraint of trade and which would be unenforceable in the law courts, but which could be enforced indirectly by trade unions coming within the scope of their constitution. The history of the development of the law relating to the liability of a trade union for wrongful or tortious acts upon the part of the union and its members was then entered upon, and reference was made to the historic Taff Vale case, which led to the passing of the notorious Trade Disputes Act of 1906. The pregnant warnings of the Royal Commission of 1906 on Trade Disputes regarding the gross impropriety of putting trade unions above the law was disregarded in the legislation which followed in that year. After dealing with the Osborne case, in which it was held to be illegal for a trade union to make compulsory levies for political and Parliamentary purposes, reference was made to the Trade Union Act of 1913, which made it permissive for trade unions to make such levies subject to certain statutory restrictions. The law of conspiracy with reference to trade unions was then entered upon. It was noted that the well-known case of the Mogul Steamship Co. was still sound law, and that traders were entitled to combine for their own profit and were not liable to be subjected to actions for damages if, through their combined actions, they pursued their common aims without adopting unlawful means. As illustrating the kind of unlawful means that a combination could not use towards one of its members reference was made to the case of Pratt against the British Medical Association, 1919, 1 K.B. 244. On the other hand, the recent case of Hodges *v.* Webb, 1920, 2 Ch. 70, was referred to as illustrating the course of action that a member of a trade union might use without subjecting himself to liability in law. In concluding, Mr. Thomson pointed out that the course of evolution was plain, but that whatever views they might have as to the soundness of the policy of the present law, it was for them, as practical men, to take the law as they found it, and if any advantage was to be gained from organising as a trade union, then they should take it. In his opinion he thought they had taken the right course in organising their trade as a trade union, and coming under the law they had just been considering. In coming under the law they had the option of being a trade union of a milk-and-water order, with very few restrictive conditions in their charter, or of being a full-blooded trade union with purposes and rules that the law regards as perfectly lawful, but being in restraint of trade, unenforceable in the law courts. If they looked at their constitution in the light of what had been discussed they would see at a glance that they had adopted a strong line, and so long as the law remained as it was he humbly thought they had acted wisely. If associations of employees were to have certain legal advantages, why not the associations of employers? What was sauce for the goose is sauce for the gander. It did not follow that they would proceed to run amok and cut the throats of dissentient members or minorities in their body. Any experience he had in these matters went to show that combinations of traders were a necessity of the times to prevent over-competition, and that the essential element of success was mutual confidence. All bodies had their weaker brethren, and sometimes they "must be helping the lazy ones on with the stick." The stick lay in their constitution. If they used it gently but firmly they would very soon discover that it hardly required to be used at all, and that they could pursue their common aims to their mutual satisfaction and profit. After answering certain questions that were put to him, Mr. Thomson was cordially thanked for his paper. The Chairman then invited Mr. Thomson to give his views upon the position that had arisen under the Dangerous Drugs Act, and whereupon, after some discussion, the Chairman moved and Mr. McEwan seconded the following resolution :

That this meeting of the Glasgow Branch of the Scottish Pharmaceutical Federation protests against the proposed regulation of the internal sale and use of dangerous drugs which are already regulated under the existing Pharmacy Acts, and suggests that the application of the Dangerous Drugs Act of 1920 should be confined to the regulation of the exportation and importation of these drugs, and that an Act amending the Act of 1920 should be passed accordingly.

On being put to the meeting the motion was carried unanimously. A vote of thanks to the chairman concluded the meeting.

New Books.

Ferguson, A.—*The Buyers' and Sellers' Guide to Profit on Return.* 8 in. × 6½ in. 2*s.* 19th edition. E. Wilson, 54 Threadneedle Street, London, E.C. 2. [A series of tables showing net cost and return prices. The cost prices dealt with are from ¼*d.* to 1,000*l.*, and the per cent. returns, 5 to 40 per cent. At the end is a table of discounts on 1*s.*, 1*l.*, and 100*l.* from ⅛ to 10 per cent.]

Maiden, J. H. *A Critical Revision of the Genus Eucalyptus.* 12 in. × 9½ in. Vol. V., Parts 1, 2, 3. 2*s.* 6*d.* each part. (Gullick, Government Printer, Sydney, N.S.W.) These three numbers, each of which contains four plates, bring the complete work up to Part 43. The eucalypts dealt with are : (1) *E. latifolia; E. Foelscheana; E. abergiana; E. pachyphylla; E. pyriformis; E. Oldfieldii; E. Drummondii;* (2) *E. eximia; E. peltata; E. Watsoniana; E. trachyphloia; E. hybrida; E. Kruseana; E. Dawsoni; E. polyanthemos; E. Baueriana; E. conica; E. concolor;* (3) *E. ficifolia; E. calophylla; E. hæmatoxylon; E. maculata; E. mooreana; E. approximans; E. Stowardi.* The index for Vol. IV. (Parts 31-40) has now been issued.

Tunisian Olive Oil.—Official permission has been given for the export from Tunis to foreign countries of 2,500,000 kilos. of olive oil; this quantity will possibly be increased

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C. 4, March 17.

THE volume of business in Mincing Lane produce continues very limited and the tone in that centre continues depressed. Apart from this, home trading shows a fair amount of inquiry, but orders are comparatively small and well below the normal. Interest this week centres in the pharmaceutical chemical section, where sellers of certain products are adopting a very stiff attitude as a result of the German reparation proposals. Among the changes in drugs is a further decline in cod-liver oil. English castor oil is 2*l*. dearer, and linseed oil is also higher. Liquorice juice and squill are offered more cheaply. Fenugreek seed is higher, while anise is steady, canary being barely so. Senega is in slightly better demand at easy rates. White pepper, glucose, and farina are cheaper. Vermilion, isinglass and turpentine are lower. Details of the changes in essential oils, pharmaceutical and heavy chemicals will be found under their respective headings.

Higher	Firmer	Easier	Lower
Amidol	Creosote carb.	Albumen	Aniline oil and salt
Ammon. bromide	Guaiacol carb.	Anise oil, star	Benzosalphol
Aspirin	Lime oil (hp.)	Benzoic acid	Betanaphthol
Castor oil (Eng.)	Oxalic acid	Perranot oil	Camphor
Fenugreek seed	Phenazone	Camphor oil (Jp.)	Camphor (Jp. refined)
Hydroquinone	Soda diethylbarb.	Citronella oil	Chillies
Linseed oil	Terpin hydrate	"H" acid	Farina (Jp.)
Methyl salicylate		Heliotropine	Formaldehyde
Metol		Mace (W.I.)	Geranium oil
Potash bromide		Menthol	Glucose
Salicylic acid		Orange oil (Sic.)	Isinglass
Sodium bromide		Pepper, white	Liquorice juice
Sodium salicylate		Piperazine	Paraformaldehyde
			Safrol
			sal ammoniac
			Soda benzoate
			Squill
			Tannic acid
			Turpentine
			Vermilion

Cablegram.

NEW YORK, March 15.—Business is quiet. Bromides are lower. Ammonium is 40c. per lb.; granular potassium, 35c., crystals 35c.; sodium is 33c. and strontium 40c. Opium is lower at $6.50 per lb. for druggists'. Peppermint oil in tins has dropped 50c., offering at $3.25. Mercury is cheaper at $45.00, and formaldehyde has been reduced to 15c. per lb. Antipyrine is dearer at $1.75, and Cartagena ipecacuanha has advanced to $2.75 per lb.

London Markets.

AGAR-AGAR.—The exports from Japan during November 1920 were 61,900 kin, valued at 75,379 yen. During the eleven months ended November 30 they were as follows:

	1918	1919	1920
Kin	2-582-706	1-392-293	914-981
Yen	2-886-978	1-879-583	1-335-634

AMIDOL.—German make is quoted higher by importers at 13*s*., and metol has also advanced to 18*s*. per lb. There are, however, sellers at slightly under these prices.

ANTIMONY.—English refined is as before, and foreign is offering at 25*l*. per ton c.i.f. Chinese crude is slow and said to be obtainable at about 19*l*. c.i.f. to arrive, the spot value being about 19*l*. 5*s*.

CAMPHOR (REFINED).—Japanese slabs are cheaper, offering on the spot at 4*s*. 1½*d*. per lb., and March-April shipment at 5*s*. 6*d*. per lb. c.i.f.

CASTOR OIL.—British makers have again advanced the price of castor oil by 3*l*. within the past week and the rates are now as follows: Pharmaceutical 55*l*. per ton, first pressing 50*l*., second pressing 45*l*., in barrels included, ex mills, Hull.

CHAMOMILES.—Roman, of which nice samples are shown, offer at from 140*s*. to 150*s*. per cwt.

CINCHONA.—At the auction to be held at Amsterdam on March 30, 931 packages (766 bales and 145 cases) Java Succirubra bark will be offered, weighing 49,214 kilos., with a quinine content of 1,471 kilos. At the London auction on Tuesday 2,594 packages offered (including 1,633 bales and 330 bags Calisaya), and were all bought in with the exception of 71 packages Java, which sold at 6*d*. for badly country damaged Ledgeriana chips.

COCA LEAVES.—At the auction to be held at Amsterdam on March 30, 1,570 packages Java leaf, weighing 86,059 kilos., will be offered.

COD-LIVER OIL is again cheaper, agents offering new Lofoten oil at from 98*s*. up to 110*s*. per barrel c.i.f. Our Bergen correspondent cables the price of 110*s*. c.i.f. as being nominal.

COUMARIN is weak on the spot at from about 11*s*. 6*d*. to 12*s*. per lb.

EGG PRODUCTS are quiet. Chinese liquid hen-yolk is quoted at 100*s*. per cwt. for prime; and for April-June shipment 62*s*. 6*d*. per cwt. c.i.f. is wanted. Dried yolk is 5*d*. per lb. on the spot, sprayed whole egg 1*s*., and native dried whole is 6*d*. per lb. spot. Prime Chinese hen albumen is easier at 2*s*. 8*d*. per lb. on the spot. For April-June shipment sellers quote 2*s*. 4½*d*. per lb. c.i.f.

EUCALYPTOL.—Spot sales have been made at 4*s*. 6*d*. per lb.

FARINA is about 1*s*. 5*d*. lower, with Japanese No. 1 offering at 22*s*. 6*d*. per cwt. on the spot, and March-May shipment is now 19*s*. c.i.f. Dutch is quoted lower at 18*s*. 6*d*. spot for fine quality, and for March-May shipment 18*s*. 6*d*. c.i.f. is asked. Sweet-potato flour is 25*s*. per cwt. on the spot.

The Government farina mills at Boston, Lincs., which were built during the war at a cost of 87,000*l*., have been sold to a company of farmers and potato-growers for 20,000*l*.

GLUCOSE.—American water white for March-April delivery is 52*s*. 6*d*. per cwt., duty paid, landed terms.

GUM ACACIA is steady, fair average-quality Sudan sorts offering at 52*s*. 6*d*. per cwt. and cleaned at 50*s*.

HELIOTROPINE is slightly easier at 12*s*. 6*d*. to 13*s*. per lb.

ISINGLASS.—At auction 441 packages offered, of which about 200 sold at lower prices.

LINSEED OIL.—Slightly more demand is reported this week, but there is no robust feeling of confidence, although the demand for the raw product has been moderately active at the further concessions made for spring shipment. Crushers held very little stock of seed, but better supplies having been landed the spot position should show some abatement from the recent stringency. Offers of spot oil are not very large, but forward interest is lacking, which would add colour to the idea that still lower prices may be seen later on. London closes firmer on the week at 50*l*. 10*s*., and Hull is 27*l*. 10*s*. naked.

LIQUORICE JUICE of best Italian quality is offered at 125*s*. per cwt. on the spot.

LIQUORICE ROOT.—Italian is offered at 74*s*. per cwt. for decorticated sticks, 76*s*. for cut and 81*s*. for natural cut, c.i.f. London.

LYCOPODIUM valued at 11,000*l*. has arrived in London from Esthonia.

MAGNESIUM.—The demand is restricted, but sellers ask 4*s*. to 4*s*. 2*d*. per lb. Offers from Cologne are reported of small lots at 5*s*. 4*d*. per lb. c.i.f. U.K.

MENTHOL is quiet and easier, with spot sellers of Kobayashi-Suzuki at 22*s*. to 21*s*. 6*d*. per lb., and March-April shipment is quoted at 18*s*. c.i.f.

MERCURY has remained in the same subdued state, while importers are waiting for the demand to arrive. Current quotations range from 12*l*. 5*s*. to 12*l*. 15*s*. per bottle. There is not much Italian offering, which is partly due to the fact that good consignments were recently made from Italy to the United States. Advices from the latter country state the stocks of this description have been already reduced a good deal. Our imports for last month

were only 226 bottles, making 256 bottles for two months, compared with 7,712 bottles for the same period last year. Obviously old stocks in the country are being steadily reduced.

Orris still continues about the same, No. 1 Florentine offering at 50*s.* to 52*s.* and Verona at from 34*s.* to 36*s.* per cwt. c.i.f.

Platinum.—Quotations vary from 16*l.* to 17*l.* per oz., there being a fair home demand. Small lots are unobtainable below the lower figure.

Safrol is cheaper at 3*s.* 4*d.* to 3*s.* 6*d.* per lb. in large drums.

Senega has shown slightly better demand, with spot sales at about 4*s.* 3*d.* per lb.

Shellac.—The spot market for usual standard TN quality shows little change at from 270*s.* to 300*s.* per cwt.; fine lemon is 390*s.*, fine second orange 300*s.* to 320*s.*, RL1 330*s.*, and AC cakey 310*s.* Futures are rather dearer on balance, the sales including March delivery at 235*s.* and May at 195*s.* to 215*s.* to 205*s.*

Squill is offered at cheaper prices from Sicily, No. 1 being about 28*s.* and No. 2 at 24*s.* c.i.f.

Titanium.—Agents are offering white titanium at about 142*l.* per ton delivered U.K. consumers.

Turpentine.—There has been a further considerable inroad made upon the London stocks, due to lack of arrivals, the total of American spirit being but little over 30,000 barrels, in addition to barely 2,500 barrels of Spanish and French spirit. Spot and to April is 3*s.* lower at 52*s.* per cwt.

The prohibition of export of turpentine oil from France (decree October 22, 1920), as well as the export tax on turpentine (decrees October 22 and November 4), are now withdrawn in virtue of a decree dated February 12, published in the "Journal Officiel" of February 16. In future, therefore, turpentine oil may be freely exported from France.

Vanillin is steady at from 36*s.* 6*d.* to 37*s.* 6*d.* per lb. on the spot.

Vermilion.—English makers have reduced their prices, and now quote from 4*s.* 8*d.* to 4*s.* 11*d.* per lb., according to quantity.

Wax, Bees'.—Sales of genuine pure Italian are reported at from 6*l.* 10*s.* to 6*l.* 15*s.* per cwt. Jamaica is offered at 9*l.* per cwt.

Wax, Vegetable, is quiet at from 95*s.* to 110*s.* per cwt. as to quality. The exports from Japan during November 1920 were 69,164 kin, valued at 31,292 yen. During the eleven months ended November 30 they were as follows:

	1918	1919	1920
Kin	8,409,604	1,413,951	666,352
Yen	2,886,824	628,285	325,855

Seeds and Spices.

Anise is steady at 82*s.* 6*d.* per cwt. for Russian and 77*s.* 6*d.* for Spanish.

Canary Seed is barely steady at 60*s.* per quarter for ordinary and 90*s.* for good Morocco.

Chillies.—At auction 30 bags dull Zanzibar were bought in at 120*s.* per cwt.

Cloves continue quiet, with sellers of fair Zanzibar on the spot at 9½*d.* per lb., and for March-April shipment sales have been made at 8*d.* per lb. c.i.f., with 8¼*d.* quoted.

Coriander Seed is quoted 9*s.* per cwt. for wormy Morocco and 15*s.* to 19*s.* for sound, according to quality.

Cumin Seed.—Further sales have taken place at 20*s.* per cwt. for fair Morocco.

Dill Seed is quoted 23*s.* per cwt., but there is no demand.

Fennel Seed is offering at 37*s.* 6*d.* per cwt., without business.

Fenugreek Seed is dearer at 10*s.* to 10*s.* 6*d.* per cwt., according to quantity.

Mace.—At auction on Wednesday 167 packages West India offered, of which 72 sold at easier prices. Good palish, slightly wormy, 11*d.*, middling palish and reddish 9*d.* to 10*d.*, ordinary 7*d.* to 8*d.*, and broken common to good 4*d.* to 7*d.*

Nutmegs.—At auction 72 packages West India offered, of which 52 sold at steady rates. Sound 81's 9*d.*, 109's slightly wormy 5*d.*, wormy and defective 3¾*d.*

Pepper is quiet and unchanged, Singapore black offering at 3¾*d.* per lb. on the spot. To arrive, April-June shipment has been sold at 3 15/16*d.* per lb. c.i.f. Fair Tellicherry is quoted on the spot at 4½*d.*, Lampong at 4½*d.*, and Aleppy at 4¼*d.* *White* Muntok is easier at 8¼*d.* For March-May and April-June shipment 8*d.* c.i.f. has been paid. White Singapore has sellers at 8*d.* on the spot. To arrive, March-May shipment, the value is 7¾*d.* c.i.f.

Pimento is quiet, with spot sellers at 2⅞*d.* per lb.

Essential Oils.

There seems to be a lull in the fall of prices this week. A few dealers are better pleased with the demand, but this is not general, and as the market continues to favour the buyers in most articles, weak holders are inclined to give way, as some think, unnecessarily. Hand-pressed lime oil has again stiffened. Lemon oil is very irregular, and bergamot and orange have declined. Star anise is cheaper, while geranium and Japanese essential oil of camphor also show a slight decline.

Anise, Star, is easier on the spot, with sellers at 2*s.* 4½*d.* to 2*s.* 6*d.* per lb. To come forward 2*s.* 1*d.* c.i.f. is quoted.

Bay.—West Indian is unchanged at from 18*s.* to 20*s.* per lb.

Bergamot is cheaper on the spot, with sellers of 37 to 39 l.a. at 20*s.* 6*d.* to 21*s.* per lb. To come forward is also lower at from 19*s.* 3*d.* to 20*s.* 6*d.* c.i.f.

Camphor.—Japanese essential white to come forward is easier at 120*s.* c.i.f. Chinese is quoted at 145*s.* spot.

The exports from Japan during November 1920 were 21,838 kin, valued at 75,503 yen. During the eleven months ended November 30 they were as follows:

	1918	1919	1920
Kin	1,282,287	1,015,403	2,336,941
Yen	251,289	322,022	839,429

Cassia is unchanged on the spot at from 4*s.* 3*d.* to 4*s.* 6*d.* for 80 to 85 per cent. c.a. Spot business in 70 to 75 per cent. has been done at 3*s.* 11*d.*

Citronella.—Ceylon is easier on the spot at 1*s.* 4*d.* per lb. in drums, and pure at 1*s.* 5*d.* per lb. Java is cheaper at 3*s.* 1½*d.* to 3*s.* 3*d.* per lb. An offer has been made at 2*s.* 6*d.* c.i.f. ex Rotterdam in round lots. Burmese has been selling at 3*s.* per lb.

Coriander is unchanged at from 48*s.* to 50*s.* per lb. for foreign distilled.

Cubeb is easy at 30*s.* per lb. for spot.

Eucalyptus.—There has been very little demand recently. On the spot 70 to 80 per cent. oil is readily obtainable at 2*s.* 6*d.* per lb., although first-hand stocks are firmly held at 3*s.* per lb. *E. citriodora* is unchanged at 18*s.*, and *E. amygdalina* at 1*s.* 10*d.* per lb.

Geranium.—Algerian is lower on the spot at from 32*s.* to 35*s.* per lb. Bourbon is also weaker in view of cheap c.i.f. quotations, and from 22*s.* to 24*s.* is about the value.

Gingergrass is nominal on the spot at 14*s.* per lb.

Lemon on the spot is unchanged at last week's quotation from 3*s.* to 3*s.* 6*d.* per lb. according to seller, although holders in some directions refuse to give way under 4*s.* To come forward the quotations are still very irregular, and while 3*s.* 6*d.* c.i.f. is a general quotation, in other directions 2*s.* 9*d.* to 3*s.* 2*d.* are mentioned.

Lime.—Hand-pressed is firmer; 19*s.* per lb. is reported as paid and 20*s.* is now asked. Distilled is nominal at 3*s.* 3*d.* to 3*s.* 9*d.*

Mint.—Spot sales of Kobayashi-Suzuki were made at 4*s.* 3*d.* per lb. this week, and from 4*s.* 3*d.* to 4*s.* 1½*d.* is now quoted. To come forward is unchanged at 4*s.* 3*d.* c.i.f.

The exports from Japan during November 1920 were 304,889 kin, valued at 73,340 yen. During the eleven months ended November 30 they were as follows:

	1918	1919	1920
Kin	176,298	369,502	299,480
Yen	421,127	1,153,048	1,772,591

Orange.—Sweet Sicilian is not in much demand, and from 10*s.* to 12*s.* 6*d.* per lb. is mentioned variously as the spot value, with some dealers quoting up to 14*s.* Forward prices are unchanged at from 9*s.* 6*d.* to 12*s.* c.i.f.

Peppermint.—American tin oil is obtainable on spot at

from 24*s.* to 25*s.* per lb., but in some directions 26*s.* is the lowest quotation.

Petitgrain.—Paraguayan is quoted variously at from 14*s.* 6*d.* to 17*s.* 6*d.* per lb.

Sandalwood.—East Indian Government oil is quoted at 37*s.* 6*d.* per lb. for five-case lots, with ninety days' protection against further reduction in the official price. B.P. English distilled is steady at 40*s.*; Australian is obtainable at 25*s.* per lb. on the spot.

Sassafras.—Natural oil is unchanged on the spot at 10*s.* per lb.

Pharmaceutical Chemicals.

A slight improvement in the demand is reported from several quarters, but it is uot general, and the sales continue much below the average. The German situation has caused no small amount of anxiety as to what will be the position in the near future as regards trading between the two countries. We are informed that German exporters are now refusing to despatch goods ordered unless payment is made in full to them in Germany. The sudden stoppage of supplies from this source has already tended towards an advance in prices all round; these higher prices, however, may be regarded in most instances as purely nominal for the moment, owing to there being practically no business. Nevertheless, if trade with Germany ceases for any length of time the higher prices will certainly operate for sales in the near future. Bromides and salicylates have already advanced considerably. Aspirin, which was freely obtained at 2*s.* 3*d.* some ten days ago, cannot now be bought under 3*s.* to 3*s.* 3*d.* per lb. Holders of stocks seem to have taken up the attitude of holding on to their goods at the advanced prices. It is therefore difficult to quote certain chemicals, and there would certainly be more business doing if sellers were more adaptable. Among other products held for advanced rates are phenazone, hydroquinone, methyl salicylate, amidol metol, and amidopyrin. Creosote carbonate, guaiacol carbouate, sodium diethylbarbiturate, and terpin hydrate are more firmly held. Benzoic acid, sodium benzoate, and tannic acid are easier.

Acetanilide continues very quiet, with plentiful supplies offering from 1*s.* 10*d.* to 2*s.* per lb.

Amidopyrin has advanced to 23*s.* per lb., but the demand is very poor.

Aspirin is one of the products to feel the full effect of tho 50 per cent. scheme, and a good business has been done at between 2*s.* 6*d.* and 3*s.* per lb., and for the finest B.P. quality 3*s.* 3*d.* is now asked. Some of the British makers are said to have temporarily withdrawn prices, and the same applies to some of the stocks held on behalf of German makers.

Barbitone remains a very quiet market, with values nnsteady at from 15*s.* to 16*s.* per lb.

Benzaldehyde .03 is still offering at 4*s.* 6*d.* per lb., but the demand is very poor.

Benzoic Acid is inclined to weaken, and is now quoted at about 2*s.* 3*d.* per lb.

Benzonaphthol cheaper, at from 7*s.* 6*d.* to 8*s.* per lb., with a limited demand.

Bromides.—There has been quite a flurry in potassium salt among dealers, with spot sales at from 10*d.* up to 1*s.* 2*d.* per lb., and 1*s.* 1*d.* to 1*s.* 2*d.* may be regarded as fair current value of crystals or granular. Ammon. and sodium bromide are also higher at about 1*s.* 2*d.* and 1*s.* 3*d.* per lb. respectively. Supplies from Germany are, of course, suspended for the time being, but imports this year have been large. Our New York cable reports a reduction in the bromide salts.

Calcium Lactate is now quoted at 2*s.* 9*d.* to 3*s.* per lb., with the market dull.

Chloral Hydrate has advanced to 4*s.* 6*d.* to 4*s.* 9*d.* per lb.

Citric Acid in steady demand for home trade, but export is slack. A leading foreign maker quotes 2*s.* 6*d.*, less 5 per cent. for forward delivery. On the spot second-hands quote English at from about 2*s.* 3*d.* to 2*s.* 5*d.*, and foreign make 2*s.* 1*d.* to 2*s.* 3*d.* per lb.

Cream of Tartar is unaltered, but at the recent reduction to 130*s.* to 135*s.* per cwt. for B.P. quality more business has been done. Foreign in ton lots is quoted at 135*s.* c.i.f., and a leading maker quotes 152*s.* c.i.f. for forward delivery.

Creosote B.P. continues to be quoted at 4*s.* 6*d.* to 4*s.* 9*d.* per lb.; the demand is poor.

Creosote Carbonate is firmer at from 18*s.* 6*d.* to 19*s.* per lb., and appears firm.

Guaiacol Carbonate is now quoted at the advanced figures of 19*s.* to 20*s.* per lb., but 15*s.* 6*d.* to 16*s.* 6*d.* will still buy.

Hexamine is a little firmer at about 6*s.* 3*d.* to 6*s.* 6*d.* per lb., only small sales being doue.

Hydroquinone continues neglected, although prices have advanced to 5*s.* 6*d.* to 6*s.* per lb.; business has, however, been done at slightly below these prices.

Methyl Salicylate is firm, and now quoted at 2*s.* 10*d.* to 3*s.* per lb.

Methyl Sulphonal B.P. is offering at about 17*s.* 6*d.* to 18*s.* per lb.; limited sales only.

Paraformaldehyde is steady at 4*s.* per lb., with the market remaining duil.

Paraldehyde is offering fairly steadily at 2*s.* 3*d.* per lb. on a quiet market.

Phenacetin has been selling more freely at very irregular prices; business has been done at from 7*s.* 3*d.* to 7*s.* 6*d.* per lb. in quantity; but from this, prices range from 8*s.* to 8*s.* 6*d.*

Phenazone is somewhat scarce on the spot, as most of the cheap parcels appear to have been absorbed. Values are irregular, however, at between 8*s.* and 8*s.* 6*d.* per lb. Our New York cable intimates an advance in antipyrine to $1.75 (say 9*s.* 3*d.*).

Phenolphthalein is firm at 5*s.* 3*d.* to 5*s.* 6*d.* per lb.

Piperazine has eased off, and is uow offering at 4*s.* 6*d.* per oz. on a dull market.

Potassium Permanganate B.P.—Crystals has firmed np to 1*s.* 10*d.* to 2*s.* per lb.

Potassium Sulphoguaiacolate remains very qniet; quotations are nominal at 9*s.* to 10*s.* per lb.

Saccharin continues quiet, British make (550 pure) offering at from 127*s.* down to 125*s.* per lb., duty paid, according to quantity.

Salicylates are dearer, in view of the reparation proposals, and it is doubtful if B.P. *Salicylic-acid* powder could be bought below 1*s.* 2*d.* to 1*s.* 3*d.* *Sodium salicylate* has also improved 1*d.* to 2*d.*, B.P. powder offering at 2*s.* 5*d.* to 2*s.* 6*d.* per lb.

Salol remains nominal at 3*s.* 9*d.* per lb.

Soda Benzoate is a little cheaper at 2*s.* 3*d.* per lb.

Soda Diethylbarbiturate has advanced to 24*s.* 6*d.* to 25*s.* 6*d.* per lb., but is not in demand.

Tannic Acid.—Leviss is offering at easier rates—from 4*s.* 6*d.* to 5*s.* per lb.

Tartaric Acid is steady, with agents for foreign makers quoting from 1*s.* 8*d.* to 1*s.* 10*d.* per lb. c.i.f., aud on the spot dealers quote from 1*s.* 9*d.* to 1*s.* 10*d.* per lb.

Terpin Hydrate is a little dearer at 4*s.* to 4*s.* 3*d.*

Thymol.—Spot values are from 27*s.* 6*d.* to 28*s.* 6*d.* per lb.

Heavy Chemicals.

March 16.

The market is to a large extent unchanged from last week. Business is most unsatisfactory, both home and export trade being unusually poor, especially the latter. Many prices now quoted are estimated at much below the current cost of production, and an advance is likely all round directly bnyers come in the market and present stocks are cleared. The situation in Germany at the moment is having a prejudicial effect on business, and there is no doubt that if the "reparation duty" of 50 per cent. is levied on all German goods it will have a detrimental effect on the market and on business generally. From the reports to hand it seems very unlikely that German sellers will carry out their contracts under snch method of payment, as it is believed that the German Government will not pass the necessary legislation that

would make them liable to repay to the German exporter the 50 per cent. which would be deducted when payment was made. Prices will probably firm up, and in some cases may even advance, for products that have of late been freely imported from Germany.

Acetic Acid has been selling at very irregular prices. Some cheap parcels of glacial have been disposed of at from 49*l.* to 50*l.*, but holders now ask 55*l.* to 65*l.*; 80 per cent. pure is now 50*l.* As our principal imports are derived from Canada, U.S.A., and Holland, the market is not likely to be affected by the German reparation scheme.

Alum is still offering in limited supply at 18*l.* 10*s.* to 19*l.* per ton for lump in casks, but the demand is very poor.

Arsenic continues very quiet, with quotations averaging about 50*l.* per ton for best white powder.

Barytes continues nominal at 6*l.* up to 10*l.* according to quality.

Bleaching Powder is not in demand, and prices remain practically nominal at about 21*l.* per ton in hardwood casks.

Carbolic Acid is unchanged, 39° to 40° C. ice crystals offering from the makers at 7½*d.* per lb. in large bulk packing.

Copper Sulphate.—The export demand is limited for the moment, and the terms quoted for casks f.o.b. Liverpool range from 32*l.* to 33*l.* per ton, less 5 per cent. The rates wanted on home account are comparatively stiff at 33*l.* to 34*l.* delivered to consumers. Of course special efforts are made to capture overseas business, which is not an easy matter due to keen Continental competition. Makers are now saving a little in cost of working, while acid is cheaper. Last month's exports amounted to 3,181 tons, making a total of 9.590 tons for two months, compared with 7,274 tons for the same period last year.

Epsom Salt is offering, with no business, at about 7*l.* to 7*l.* 10*s.* per ton for commercial quality.

Formaldehyde is weaker, 40 per cent. volume offering at 112*l.* 10*s.* per ton, a figure at which it is difficult to get orders.

Lead Products.—The position continues most disappointing in all directions, especially in white lead and oxide, which, however, have been left at previous quotations. Export business is particularly slack. Offers of acetate of lead are heard of down to 50*l.* per ton, and even less, delivered at works free on rail.

Lithopone continues to be inquired for, but actual business is not brisk; 30 per cent. Continental red seal, about 31*l.* to 32*l.* per ton; green seal, about 36*l.* 10*s.* to 37*l.* Prices are firm owing to the German situation.

Oxalic Acid is firmer, 10d. per lb. being the bottom price of imported.

Potash Caustic is offering as low as 47*l.* to 48*l.* per ton for 88-92 per cent. material. There is but the smallest of demands. The German situation will, of course, have a marked effect on this product.

Potassium Bicarbonate (90-92 per cent.) is lifeless, spot lots offering nominally at about 46*l.* 10*s.* per ton.

Potassium Bichromate continues to be offered by makers at 1*s.* 1*d.* per lb. Spot lots are quoted at about 1*s.* There are very few sales.

Potassium Chlorate remains very quiet at about 6*d.* to 6½*d.* per lb. for crystals and powder.

Potassium Permanganate.—Commercial quality is now quoted by makers at 2*s.* per lb., whilst spot lots are freely offered at about 1*s.* 7*d.* to 1*s.* 8*d.* per lb.

Sal Ammoniac.—Makers have reduced their prices by 25*l.* per ton to 75*l.* per ton for first quality lump, and to 70*l.* for second quality. Crushed is the usual 5*l.* per ton extra.

Saltcake remains in good supply, with practically no demand. Prices are purely nominal and unchanged at about 7*l.* per ton in bulk f.o.b. and about 8*l.* in bags. Makers' prices, 10*l.* per ton f.o.b. in bulk.

Soda Ash (58 per cent. light alkali) is about 9*l.* 10*s.* per ton f.o.b., but is not being called for. Makers' prices for home trade are unchanged at 8*l.* 10*s.* per ton.

Soda Caustic is offering on spot at about 22*l.* per ton, but there is practically no demand, and prices are easy. Makers' price unchanged at 24*l.* 10*s.* per ton for home trade only. American 76 per cent. material quoted c.i.f. at about the same figure.

Soda Crystals continue to be quoted by makers at 7*l.* per ton in bags. Market neglected. Limited supplies on spot are 7*l.* 10*s.*, for which there is no demand.

Sodium Bicarbonate continues very lifeless, with some supplies obtainable at last week's figures of 10*l.* 10*s.* per ton for refined in bags, and 10*l.* for mineral water.

Sodium Bichromate on spot is offering in limited supply at about 7½*d.* per lb.; American material c.i.f. U.K. and Continental ports at about 7*d.* A very limited inquiry, with small actual business, is being received.

Sodium Hyposulphite.—Photographic quality in kegs is offered at about 26*l.* per ton and commercial quality 20*l.* to 21*l.* per ton. The demand has dropped off and is now very poor. Prices are not steady.

Sodium Nitrate is still weak and nominally quoted at 21*l.* 10*s.* f.o.r. Liverpool.

Sodium Prussiate is now offering at 8½*d.* to 9*d.*, but is not being called for. Makers' prices remain quoted at 8*d.* per lb.

Sodium Sulphide is on the market, but there is no demand for the spot lots offering at about 29*l.* per ton for 60-62 per cent. solid. Makers' price for 60-66 per cent. concentrated, 28*l.* per ton.

Sodium Sulphite is neglected, and nominally remains at about 33*l.* per ton for anhydrous material.

Tin Crystals are still quiet; best material quoted at 1*s.* 7*d.*, seconds at 1*s.* 6½*d.* per lb.

Zinc Oxide.—It is believed that offers of German material were recently made at well below 34*l.* per ton, this referring to 99.7 per cent. probably. The demand for the home product has been decidedly better, but quotations are being kept down as much as possibly by large makers. These are about thus: White seal 44*l.* 10*s.* to 47*l.*, green seal 42*l.* 10*s.* to 45*l.*, and red seal 40*l.* per ton.

Coal-tar Products.—Values continue very weak, with a tendency to ease off slightly with the market continuing unusually quiet. Aniline oil and salt has fallen to 1*s.* 6*d.* per lb., with the market dull. Betanaphthol is now offering at 2*s.* per lb., but sales are very few and small. Paranitraniline is down to 6*s.* per lb. on a lifeless market; figure nominal "H" acid continues very quiet, and the market has eased off to about 7*s.* 6*d.* per lb. Benzol, toluol, and xylol are all quoted unchanged from last week. The markets remain very dull. Creosote oil continues weak and quiet at about 1*s.* 1*d.* per lb. Business is very poor. Cresylic acid is unchanged at 2*s.* 6*d.* for crude, 3*s.* for dark 95 per cent., and 3*s.* 3*d.* for pale straw 97-99 per cent. per gal. Naphthaline in all grades is still quoted at last week's figures, but values are not firm: Crude, 8*l.* to 10*l.* per ton; powder, 38*l.*; flakes, 30*l.*; crystals, 29*l.* Pitch remains unchanged and very quiet at about 8*l.* 10*s.* per ton.

Sandalwood Oil in the Dutch Indies.

In view of the fact that sandalwood is exported from the Dutch Indies, whereas sandalwood oil, amounting to about 440 kilos. annually, has to be imported from British India, the Department of Commerce and Agriculture of the Government of the Dutch Indies has undertaken an investigation of the question of preparing sandalwood oil on the spot. The difficulty to be overcome consists in solving the problem of cutting the wood prior to distillation, and it is proposed to undertake experiments with a view to reducing it to shavings. It was found that on distillation of 38 kilos. of sandalwood, 1,023 c.c. of oil were obtained, corresponding to a content of 2.6 per cent. of oil.

Glycerin in Germany.

At the beginning of the past year there was a very great shortage of glycerin in Germany, and fears were entertained that the German manufacturers would be quite unable to meet the demand, particularly for the manufacture of explosives required for coal-mining. In order to overcome this shortage the Government purchased large amounts of glycerin abroad. The result of these purchases, for which considerably higher prices were paid than had been ruling in Germany, was that the German prices rose to approximate the price charged for the imported article. However, the expected large demand did not materialise, with the result that the Government was left with large quantities of foreign glycerin on its hands, which it was

obliged to dispose of abroad. Another result of the increased price was that the German producers increased their output, so that it is not likely that Germany will have to import glycerin during the present year.

Belgian Valerian.

IT is stated that the present cost of production of valerian root in Belgium is over four times as great as pre-war costs. The cost of cultivation is made up of the following: Rent of land, fertilising and ploughing, plants and planting, weeding, grubbing of root, cutting and washing of root, drying. The proportion of cost for the years 1914 and 1920 are 1.2 as to 5. The quality of the 1920 crop is reported as being very good, clean, heavy, and light coloured, and will keep in good condition for several years. The Belgian peasants in the cultivation district state that because of the present low price they will not plant any valerian next year, or until the price will show them a reasonable return on the expense.

The Austrian Chemical Industry.

THE Austrian chemical industry is at present severely handicapped by the adverse rate of exchange, which makes it practically impossible to purchase raw materials abroad, in addition to the almost entire absence of coal, one of the greatest difficulties the new Austrian State has to contend with. The great importance of Vienna lies in the fact that it is the most important distribution centre for the Near East, and most of the purchases for chemicals concluded by the South-Eastern States of Europe are effected in Vienna. In view of the changes brought about in the political constellation of Europe, it is possible that Vienna may in future play an even greater part than heretofore in transit traffic, and it is even proposed to create in Vienna an extensive "free port" to facilitate this traffic. Certainly the greater portion of Germany's chemical exports passing the Austrian border are intended for Hungary, Jugo-Slavia, and other Balkan countries. In order to prevent Vienna from losing her important position as intermediary in the chemical trade with the Near East, in view of the obvious danger of its passing entirely into German hands, a chemical market was founded in Vienna in November of last year, which holds its meetings every Tuesday and Friday, and now proposes to publish regular market reports. For British chemical exporters interested in the markets afforded by the countries of the Near East, the development of this Viennese chemical bourse should be followed with interest, and we append some of its latest quotations. Prices are given in Austrian crowns, for one kilo.

Actual sales took place at the following prices: Soda, 22; gelatin for foodstuffs, 300; acetic acid, chemically pure, 120; sulphuric acid (66°), 18.50; zinc oxide (Peterswald), 133. There was a very great demand for copper sulphate, sodium bisulphite, dextrin, formic acid, Glauber's salt, and chrome alum.

The American Dyestuff Industry.

AN interesting review of the development of the dyestuff industry in the United States is issued by the "Industry World." In the year 1914 there were seven dye works, employing 528 persons, with a total output of 6,619,729 lb. of coal-tar dyes, valued at $2,470,096, in addition to the production of other products to the value of $1,126,699. The total capital invested in these undertakings amounted to $ .086.212. During the first six months of the war steps were taken to obtain as much German dyes as possible, but when supplies failed, in consequence of the tightening of the blockade, prices rose enormously. For a time recourse was had to natural colours such as indigo, mineral colours, and logwood, etc. At the same time active steps were taken to develop the American dyestuff industry by the erection of new works, and in 1916 the United States could boast of no less than thirty-six dyestuff factories, in addition to forty works engaged in the manufacture of intermediates, while eighteen produced the necessary raw materials, and fifteen were devoted to the production of vegetable dyes. In 1917 the output of coal-tar dyes amounted to 46,000,000 lb., or slightly more than the total imports in 1914. The amount of money invested in the dye industry had increased to $327,807,000 in 190 factories, employing in the aggregate 1,783 chemists. Beside these works there were 180 companies engaged in the manufacture of phenol, aniline oil, monochlorbenzol, beta-naphthol, naphthalin products, etc. In 1918 over 300 different dyes were produced in the United States, and the production of dyestuffs had developed to such an extent that in the year ending June 30, 1920, the United States were able to export dyes to the value of $26,800,000. In connection with the above *résumé*, a few figures showing how the position with regard to the dependence of the United States upon German dyes has altered will afford an interesting comparison. The following data are taken from the official figures published by the Imperial German Statistical Bureau in 1914, and give the exports to the United States in 1913:

	Tons	Value in Marks
Aniline oil and aniline salts	2,428	1,937,000
Naphthol, naphthylamin	638	572,000
Anthraquinone, nitrobenzol, toluidine, resorcin, phthalic acid, etc.	965	772,000
Aniline and other coal-tar dyes not specified	13,855	28,223,000
Alizarine dyes	2,656	5,463,000
Indigo	3,461	4,209,000

Italian Drug and Chemical Markets.

Genoa, February 26.

THE drug and chemical markets were influenced greatly by the conditions abroad, by an increase in the importation duty on some products, and by repeated offers of German and French goods. The demand was still strong for certain classes of pharmaceutical chemicals and drugs, whereas for others the stocks still available encouraged many purchasers to await further reductions, also in view of the reduction in the foreign exchange. A large portion of the business in these products was secured by the Italian works and by German firms, when war reparation products were not available. In heavy chemicals a certain number of orders were received from the larger druggists, or from the merchants supplying these, but, generally speaking, the demand was poor. For fertilising chemicals the demand was very strong, and many orders for superphosphates, nitrate of potash, ammonia salts, and cyanamide could not be satisfied owing to the reduced quantities of such products available. The prices quoted on the different markets were rendered more stable by the comparatively small oscillations in the foreign exchange and the limited quantities of goods imported. The English pound sterling started the month at a value of lire 106.25, and ended it towards lire 106.50; the United States dollar started at lire 27.35, and ended towards lire 27.50; the French franc at lire 1.92, and ended at lire 1.98; the German mark started at lire 0.46, and ended at lire 0.45. The prices of some of the pharmaceutical products, drugs, and chemicals were reduced, whereas those of others were increased considerably. Many of the increases in price were caused in the case of imported goods through a higher Customs duty. Some of the current prices and changes in price prevailing at the end of February were as follows, the exchange being reckoned at lire 106.50 to the English pound sterling:

Pharmaceutical Products.

	Lire per 100 kilos.
Acetic acid, glac. ...	940 to 955
Acetone, pure ...	... 1,300
,, commercial	... 1,000
Alcohol, denatured, 90° ...	850
,, ,, 95°	1,950 to 2,000
Ammon. carb., lump ...	590
Ammonium chlor., lump (98-100)	890 to 910
Ammonium chlor., lump (95-96)	745 to 750
Antimony sulphide, lump ...	600
,, ,, powder	650
Boric acid, crystals ...	850 to 900
,, ,, large flakes	945 ,, 950
Camphor tablets	7,000
Carbolic acid, cryst., 39° to 40° C.	1,050
Carbolic acid, liq., 95 p.c. ...	325
Castor oil, medicinal	825 to 850
Ceresin, pure white	... 1,175
Cod-liver oil, medicinal	... 1,300
Glucose, 45° Bé.	460
Glycerin, refined	820
,, d.d. s.g. 1·260	... 1,000
Honey, white	930
Hydrogen peroxide (10 vol.)	50
Magnes. carb., lump... ...	800
Magnesium chloride	130
,, sulph.	70
Naphthalene flakes	335
Oxalic acid, xtals. ...	... 1,300
Pot. chlorate, powder ...	400
,, ,, santonin xtals.	450
Potash permang. ...	... 3,500
Quinine citrate ...	80,000
,, sulphate ...	45,000
Soda pruss., yellow ...	... 1,300
,, salicylate, xtals.	... 4,000
,, sulph., anhyd., fused ...	60
Sulphur, refined ...	125 to 130
Vaseline, best white	... 1,100
Wax, veg., Jap. ...	... 1,060
,, carnauba ...	... 2,650

Heavy Chemicals.

	Lire per 100 kilos.
Ammonia sulphate	210
Bleaching powder	125
Borax, crystals	455
Caustic potash (70 to 75 p.c.)	700
Citric acid	... 2,750
Cream of tartar ...	... 1,800
Formic acid (80 to 85 p.c.) ...	750
Hydrochloric acid, 20 to 21° Bé.	46
Lead carbonate	525
Nitric acid, 36° Bé.	200
Potash bichromate ...	... 1,800
,, pruss., yellow...	... 1,300
Soda bicarbonate ...	130 to 135
,, bichromate ...	... 1,350
,, bisulphite, crystals, 32° Bé.	—
Soda carbonate (Amer., 98 to 100 p.c.)	110
Soda carbonate (Eng., 98 to 99 p.c.)	110
Soda carbonate (French, 98 to 100)	105
Soda carbonate (Ital.) ...	100
,, caustic (76 to 78 p.c.) ...	260
,, caustic (70 to 72 p.c.) ...	230
,, crystals	88 to 92
,, hyposulphite	220
,, silicate, 140° Tw. ...	170
,, sulphate, xtals.... ...	40
Sodium sulphide (60 to 65 p.c.)	450
Sulphuric acid, 66° Bé. ...	50
,, ,, 50° Bé.	20 to 25
Tartaric acid ...	2,000 to 2,050

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Proposed Fellowship in Pharmacy.

Sir,—As will be seen from the report of the Council meeting of the Pharmaceutical Society of Ireland, the Fellowship diploma which I had the honour to suggest cannot, for legal reasons, be instituted at present. I wish to thank very sincerely the writers in the *C. & D.*, and also those who communicated directly with me, for their favourable comments upon the project.

Yours, etc.,

Dublin. A. J. Barnes.

Dangerous Drugs Regulations.

Sir,—The meeting held at the House of Commons on March 9 seems to have been very successful; when one remembers the average number of M.P.'s who attend the sittings of the House itself to deal with the business of the nation, to attract an attendance of over two hundred to discuss Regulations dealing purely with technical matters connected with drugs only must be a record and one which pharmacists may well be proud of. The Home Office have at last seen the wisdom of the course that they should have adopted of their own free will at first, and it is to be hoped that, the committee having been granted, the Pharmaceutical and other societies concerned will see to it that their case is made absolutely clear to the officials and that the obnoxious parts of the Regulations will be either withdrawn or redrafted. The great thing for pharmacists to concentrate on is the Pharmacy Act, and to see that those parts of the Regulations which go behind the Act shall be deleted, as without this our protests will have been in vain. There can be no doubt that from the point of view of the M.P.'s the way in which the Regulations were issued without reference to the House is a distinct usurpation of their rights, and it is almost certain that in the battle for our own rights we have been fighting for a much larger issue. The amended scheme for use in hospitals seems to introduce a lot of meticulous details, such as the use of locked receptacles, keys, and so on, and I should have thought that this was likely to afford a loophole for delay when dealing with cases of sudden emergency.

Yours faithfully,

Protestor. (12/3.)

Advertising the Dispensing Departments

Sir,—I think that "Xrayser II" (*C. & D.*, March 12, p. 63) takes a wrong view of the note I contributed regarding Messrs. Bryan & Spedding's window display. The necessity for educating the public at the present time is as great as at any time in history, a fact which is particularly evident to pharmacists in business. As for this display being "unprofessional and advertising one's own particular skill," I consider Messrs Bryan & Spedding are to be complimented on the way they placed essential facts before the public. There was no personal tone in any part of the window; the cards and apparatus were educational and upheld pharmacy as a profession, no claim being made for any one particular pharmacist or pharmacy. The idea of the display being used as a weapon against competitors is discounted by the fact that it has been copied and used by other chemists and druggists in Manchester and neighbouring towns. I personallly saw nothing objectionable in the display, and I know it has received many compliments from competitors. Messrs. Bryan & Spedding inform me that they will be pleased to send an exact copy of the wording used on the cards, gratis, to any pharmacist in the British Isles.

Yours truly,

Manchester Correspondent (17/3).

What is a Poison?

Sir,—Your correspondent, Mr. H. C. Richards, in support of his claims to being "statutorily qualified in professional pharmacy," talks glibly about poisons, but I wonder if he has ever endeavoured clearly to understand what a poison is? He appears to overlook the fact that it is by no means an easy matter to define a poison, as almost any substance exerts deleterious effects upon the human organism when taken in sufficiently large doses. Perhaps the best definition is given in Taylor's "Medical Jurisprudence," which runs as follows:

A poison is a substance which, taken into the mouth or stomach, or when absorbed into the blood, is capable of seriously affecting health or of destroying life by its action on the tissues with which it immediately, or after absorption, comes in contact.

Boiling water may be a poison under this definition, and there is no logical reason why it should not be included. The law of England, unlike the medical jurists, makes no attempt to define a poison, but the lawyers have made the words of the statutes dealing with poisons so wide that it is well-nigh impossible for a criminal to escape from justice on the ground that the substance administered was not a poison. At common law it was always a crime to administer poison, but the law was so often evaded by specious arguments that in 1861 the Offences Against the Person Act was passed, which provides as follows:

Section 11: Whosoever shall administer or cause to be administered to, or taken by, any person, any poison or other destructive thing with intent to murder, shall be guilty of felony.

Section 22: Whosoever shall unlawfully apply or administer to, or cause to be taken by, or attempt to apply or administer to, or attempt to cause to be administered to, or taken by, any person, any chloroform, laudanum, or other stupefying or overpowering drug, matter, or thing, with intent, in any of such cases, thereby to enable himself or any other person to commit, or with intent in any of such cases to assist any other person in committing, any indictable offence shall be guilty of felony.

Section 23: Whosoever shall unlawfully and maliciously administer to, or cause to be administered to, or taken by, any other person, any poison or other destructive thing, so as thereby to endanger the life of such person, or so as thereby to inflict upon such person any grevious bodily harm, shall be guilty of felony.

Section 24: Whosoever shall unlawfully and maliciously administer to, or cause to be administered to, or taken by, any other person, any poison or other destructive or noxious thing with intent to injure, aggrieve, or annoy such person, shall be guilty of a misdemeanour.

I have ventured to quote these three short sections of the Act of Parliament as many medical men, most chemists, and nearly all lay persons are unaware of the last quoted portion of the statute. It was apparently enacted expressly to prevent such common practices as the addition of emetics or purgatives to wine or whisky which a servant is suspected of stealing. For a drug or other "thing" to be regarded as noxious it must have been administered in quantity sufficient to have produced noxious effects. In the well-known case of The Queen *v.* Hennah a man was charged with having administered to a young woman one grain of cantharides in a fig, but as the medical evidence was to the effect that this amount of the drug could do no harm he was acquitted. Although the law commits itself to no definition of poison, the Pharmacy Act, 1868, recognises certain specific substances as poisons. This Act prevents the powerful substances named in its schedules from being sold by irresponsible persons. The Act only recognises qualified medical practitioners, pharmaceutical chemists, and chemists and druggists as qualified to distribute these substances. Statutory poisons prescribed by medical men for their patients are exempted from the labelling provisions prescribed in the Pharmacy Act, but nevertheless may only be sold by qualified chemists when dispensed. Mr. Richards's "professional" qualification does not enable him to sell dispensed medicine if it contains a scheduled poison.

Yours sincerely,

A Barrister-at-Law.

The Future of Local Associations.

Sir,—The present outlook for the local associations is that they will gradually fade away and die. With the formation of the Retail Pharmacists' Union as an employers' body pure and simple, all other men connected with the trade will be forced into the assistants' unions, so that the present membership of the local associations will be split into one or other of the two camps and the associations no longer be required. After the demarcation between the two classes, employers and employees, will come the regulation of wages, hours, prices, etc., and out of this will arise an anomalous position for the qualified manager, who is not actually financially interested in the business he manages. At present he is really an employer in all but money invested, often having the power of engagement and dismissal; but unless he also holds a share he is not eligible for membership of the R.P.U. Is it likely, therefore, that he will continue to be a member of the local association when he will perhaps be obliged to fall in with the other employees and join the workers' union? And, on the other hand, an employer subscribing to the R.P.U., carrying with it the Chemists' Defence Association, Proprietary Articles Trade Association, pricing bureau, etc., is not likely to multiply his subscriptions more than he can help. The best thing to do with the associations, which have served a good purpose in teaching us the value of organisation, is to bury them decently, dry our eyes, and turn to the business of reorganisation without regret. We could have wished things otherwise, but the R.P.U. being started, the least we can do is to try and run it for the benefit of all concerned. Yours faithfully,

Cheerful Mourner (19/9).

The Pharmacist and the Public Health.

Sir,—"Loving your neighbour is not only sound Christianity; it's good business." So said the Prime Minister a few days ago, and so the medical profession has thought for years. Doctors are not allowed to advertise, but there are no men in any branch of pharmacy more appreciative of the value of advertisement than the doctors. The columns of the medical journals are always filled with signed articles, and the handsome profits earned by these journals are due to the fact that not a penny is paid for these signed articles. They are advertisements for their writers—no more, no less. But if individual doctors appreciate the value of personal advertisement, the profession as a whole is still more cognisant of the importance of collective or corporate advertising. The so-called learned medical societies exist for the exploitation of medicine as a whole, and they do their work with considerable efficiency. Naturally the opportunity afforded by the Efficiency Exhibition at Olympia has not been lost sight of, and the doctors have been passing resolutions showing how keen they are on the welfare of the worker. The doctor has won for himself an important position in relation to industry by means of persistent advertising, and the working of the National Health Insurance Act shows how the doctor has been able to adapt industrial legislation to his pecuniary interest. The panel doctor makes a pleasant profit out of his patient, and "the shilling doctor" of a few years ago now rolls about in a nice car. He no longer dispenses bottles of sodæ bic. and mag. sulph. with sacch. ust. and strychnine; the chemist does that for him for the most wretched remuneration. The pharmacist was to have resumed his old function as a compounder of medicines under the Pharmacy Act, but all that has materialised is that he has become a dispenser of stock mixtures at nearly cost price. The secret of it all is that the doctor has succeeded in impressing the public that he is essential to the health of the nation. "The Hospital" actually asserted recently that the doctor is a sort of modern Atlas carrying the world on his shoulders. His is not merely "the white man's burden," for he supports, not merely the "burden," but the "white man" himself to boot. This is magnificent propaganda, and it is a pity that pharmacists do not take a part in the game. The *rôle* of the pharmacist is just as important in relation to the public health as that of the physician, but the pharmacists and their leaders entirely fail to see that the public need educating on the point. It is apparently not to the immediate interest of the medical man to prevent venereal disease and improve health, but the doctors have been preaching—if not practising—the gospel of hygiene for the last fifty years. What has been the result? The doctor has gone steadily up in the public esteem, his sphere of work has immensely increased, there are twice as many doctors as there were in the Early Victorian days, and they are all better off. It pays, as the little Welshman says, to love your neighbour. Now pharmacists are in very close and intimate touch with the public and have immense power for the public good. They grumble, very reasonably, at their small profits and poor social status, but they fail to organise in directing the attention of the man in the street to their important sphere in guarding the national health. Sometimes they foster for small profits popular errors in regard to health matters. Take one small example—the baby's "soother" or "dummy." The medical and nursing professions are almost unanimous in condemning this popular pacifier. To quote from a well-known mothers' and nurses' guide on the care of children:

"Dummies" or "baby-soothers" are the cause of much diarrhœa and sickness in children, as it is impossible to keep rubber clean when kept in a child's mouth for long periods. They have been shown to predispose to adenoids, a disease in which the nose becomes much blocked, and the child is obliged to breathe through its mouth. The condition is productive of malnutrition, mental inactivity, and a stupid appearance. It can only be cured by operation. Plain bone rings may be used while a child is teething.

Now, by pointing this out pharmacists might get a good advertisement as guardians of the public health. This example might be multiplied a thousand times, and is only one of a myriad of ways in which the pharmacist might take an active part in the practical side of public health matters which the doctors have found so profitable to their reputations and their purses.

Yours sincerely,

A Pharmaceutical Politician (1/3).

Buying a Business.

Sir,—In the discussion on qualified assistants' remuneration we read of businesses dealing in thousands, and percentages on turnover, and so on; but, while your correspondents are getting out these figures, there is one question which some of us less fortunately placed would like to get an approximate answer to—and that is, What is the lowest amount at which a prospective proprietor could buy a small business as a going concern to-day? That is to say, leaving the question of expansion of business and increased profits to the buyer's ability and energy, what amount would purchase a concern that would pay expenses and bring in the owner a living wage to start with, say 4*l.* a week? In the first part of "Opening a Pharmacy," which, of course, gives pre-war details, the budding pharmacist was presumed to lay out 400*l.*; but in the case presented he fitted out a new shop and opened it, and there is, so far as I can see, no intimation of the amount of returns expected in such a case, nor is there any estimate of the size of the business he would have acquired if he had invested his money in an established pharmacy. Possibly some of your correspondents or transfer agents could give approximate amounts for post-war conditions. Yours faithfully,

Prospective (14/2).

Appreciations.

I have been trying to convince myself I ought to ask you to remove my name from your list of subscribers, owing to the continued high cost of living, but have decided that my weekly copy of the *C. & D.* is a *sine qua non*, so I must economise in some other direction. I therefore enclose P.O. for 20*s.*—*H. G.* (10/3).

The *C. & D.* has already won half the fight against the proposed Proprietary Medicines Bill, and is intelligently guiding the organisation of employers and employees alike for the betterment of their individual status and the ultimate good of the trade. It has greatly assisted in exploding the theory of the "Bloomsbury Divine Right," and now we are entering on a new and democratic form of pharmaceutical government.—*L. H.* (18/1).

Legal Queries.

N. D. P. (5/3) has bought a house in a provincial town for 425*l.*, and asks whether the cost of obtaining the I.V.D. stamp must be borne by him, and what his total expenses in connection with the conveyance ought to be. [In the absence of local custom to the contrary, the vendor must bear the cost of obtaining the I.V.D. stamp, and "N. D. P." must pay the *ad valorem* stamp-duty of 2*l.* 5*s.*, and also pay his solicitor a scale fee of 6*l.* 15*s.*, together with usual disbursements.]

Silverpen (15/3).—A registered chemist who acts as superintendent controlling and managing that part of the business of a body corporate dealing with the sale of poisons can only act for one company. Each set of premises where the business is carried on which is not personally conducted by the superintendent must be carried on under the direction of the superintendent by a registered chemist, whose certificate of qualification must be conspicuously exhibited in the shop. You can be a director of more than one chemist-company, but cannot act as superintendent to more than one.

T. J. W. (9/3) asks if the income-tax authorities can demand returns for previous years in which the tax has been paid (1911 to 1916), and can they compel him to employ an accountant to prepare such returns? [We know of no authority to do this. The income-tax officials may make an additional or an amended assessment on a taxpayer, but this must be made not later than three years after the expiration of the year of assessment in the ordinary course. That is, they may claim for three years, arrears due to under-assessment, and to enable them to do this they might call for returns for these three years, but not for anything further back. They cannot compel anyone to employ an accountant; but if an accountant is employed in connection with the drawing-up of accounts for purposes of income-tax returns, the fee paid to the accountant may be deducted from the return of profits as a trade expense.]

Beacon (5/3) inquires if he can claim rebate on the following prescription:

Spt. vini rect. ... ... ℥j.
Chloroform ... ... ♏j.
Mitte Oj.

[We think not. Rebate is payable only in respect of spirituous medicinal preparations recognised as such by the Commissioners of Customs and Excise. There is no detailed list published, but a confidential list enumerates most of the medicinal preparations that could not be used as beverages. "Beacon" might submit the matter for the opinion of the local officer of Customs and Excise. There is also in this case a further question of the legality of sale, and as to this, we are inclined to think that the addition of twenty drops of chloroform to a pint would not be sufficient to constitute the mixture an article which could be sold by a registered chemist without a spirit licence, under the old Act of George II.]

Ajax (69/32) refers to the article on income-tax in the *C. & D.*, January 1, and asks what is the position of a child of six towards the income-tax under the following circumstances. The father, who is resident outside the United Kingdom, wishes to transfer into the name of his daughter, aged six, now resident in England, 2,500*l.* in 1*l.* 5 per cent. preference shares, which would then constitute the child's only income, and would have the tax at 6*s.* in the £ deducted in the usual way on payment to the holder of the shares. He asks, Can the child claim refund of the tax deducted? [Yes. The repayment of the deduction can be obtained. It is understood that the transfer to the child would take the form of a transfer by deed of gift to a trustee to hold for the child and hand over the interest to her as and when paid by the company. In that case the claim ought to be made by the trustee on behalf of the child on the official form obtainable from the surveyor of taxes, sending in with it the certificates given by the company of the tax having been deducted.]

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Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. W. P. (3/1).—The sample you send is, in the main, an iron ore, containing a little aluminium, but no nickel. A fair amount of calcium is also present.

A. H. R. (5/2).—Furniture Polish.—This consists of two layers, in equal proportions. The upper has a fairly constant boiling-point at 320° C.; the distillate is pale yellow and possesses a peculiar odour. It is probably a high boiling fraction of rosin spirit. The lower layer appears to consist of dilute spirit, with a very little organic colouring material, and a trace of amyl acetate for giving it an odour.

F. H. Q. (9/3).—Indian Liniment.—The formula for which you ask is:

Rad. anchusæ ... ... ℥ss.
Pulv. capsici ... ... ʒj.
Spt. terebinth. ... ... Oj.

Macerate for a week in a warm place, strain, and add:

Ol. camph. essent. ... ... Oj.
Ol. sassafras ... ... ʒij.
Ol. origani ... ... ℥ss.—M.

T. W. (5/3).—Books on Sheep Diseases.—Moussu & Dollar's "Diseases of Cattle, Sheep, Goats, and Swine" (Gay & Bird, 1905), 25*s.*; Steel's "Diseases of Sheep" (Longmans, Green, 1890); Rushworth's "Sheep and Their Diseases" (Baillière, Tindall & Cox, 1903), 6*s.*

B. M. H. (8/3).—Cats' Complaint.—The sneezing and sudden coughing prevalent among cats seems to be a form of influenza, located in the nasal membranes, resembling nasal catarrh. Give inhalations of hot water and eucalyptus oil twice daily; also, several times daily, doses of glyco-heroin and ammoniated tincture of quinine, the size of the dose being regulated according to the severity of the attack and age and size of the animal.

Victory (11/3).—Labelling Tins.—See *C. & D.*, I., 1920, p. 706.

G. G. M. (7/3).—A leaking upper globe in a seltzogene is repaired by pouring in plaster of Paris in liquid form and allowing the plaster to set before again using the vase.

H. H. (28/2).—There are no data readily available as to the amount of tannin in the bark of eucalyptus trees. The bark is not used as a source of tanning material. The kino obtained from the trees is used in medicine as an astringent under the name of red gum or blue gum.

F. U. (9/3).—Cocoa-nut Oil Shampoo.—See *C. & D.*, II., 1920, pp. 1426 and 1486.

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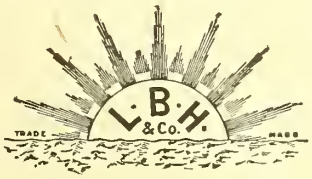

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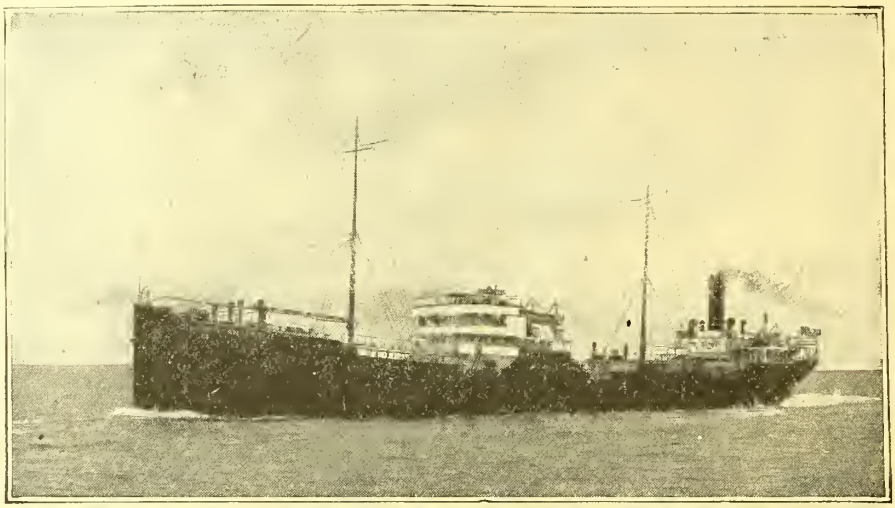

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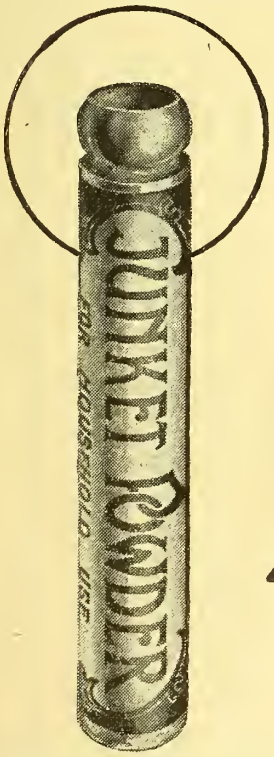

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Tiny Tonic Tablets

Are now supplied in METAL BOXES, to retail at 1/3; also in Glass Bottles, to retail at 5/-

We shall be pleased to exchange any War-time 1/3 packages, the INNER cartons of which are of cardboard instead of metal as at present, and will pay carriage each way.

THE IRON-OX REMEDY CO., Ld.
10 LINCOLN'S INN FIELDS,
LONDON, W.C. 2.

ETABLISSEMENTS CHATELAIN, 2 Rue de Valenciennes, PARIS.

All Chatelain's preparations are on the **P.A.T.A.** *List.*

Jubol, Globéol, Gyraldose, Pagéol, Fandorine, Sinubérase, Filudine, Jubolitan, Jubolitoires, Vamianine, Dialirol, Linycol, Rhino-Fogyl, Fogyl, Romanyl, Poral, Poralin, Noctyl, Rucoval, Furosyl, Succine. Corivore-Plaster, Collampoules: Vamiol, Bokanol, Gamostyl, Plasmocol, Dosarter, Pyran.

Urodonal

Costs you 9/7

Sells at 12/-

SIMILAR TERMS ON ALL PREPARATIONS.
From Sangers; May, Roberts; Butler & Crispe, and all Wholesalers.

Sole Agent for U.K.:

M. E. BOUSSARD, 7 PADDINGTON ST., LONDON, W.1.

SHADFORTH
Prescription Service, Ltd.,
63 Grove Rd., Bow, London, E 3

25% Trade Terms to Retailers.

25% discount off the advertised retail prices. The advertised retail prices are the minimum retail prices in every case. By 25% it is meant that an article which you sell for 1/- will be invoiced to you at 9 1.; that is, you get 3d. profit on each 1/- of your sales. We pay carriage on all orders amounting to 10/- net. Monthly account on approved trade references. We will gladly charge through your wholesaler if it is more convenient to you.

33⅓% Special Bonus Terms to Retailers on £3 net orders. Cash with order.

Our best carriage paid terms to retailers are for an assorted £3 net order. The selling price of this order will be £4 10s. and the goods are exchangeable at any time for more saleable lines. With *Special Bonus Terms* we send you window show material and expect you to give us a display. On our part we undertake to advertise in your best local or county paper and mention your name as local agent.

12½% Trade Terms to Wholesalers.

12½% off the prices charged to retailers on condition that the retailer receives the full 25% discount. Terms of carriage as to retailers.

Governing Director: **Mr. William Shadforth,** Pharmaceutical Chemist,
63 GROVE ROAD, BOW, LONDON, E.3. *Phone - 3644 East.*
City Branch, 49 King William St., E.C.4. *Phone - 920 Central.*
Please mention "C & D." advt. No. 2 March 19, 1921, and mark your letter "Retailer Department."

New Season Prices for FLYCATCHERS

WRITE TO-DAY for quotations for

'FLYSAC' / **'VIPER'** — Suspension Flycatchers

'BIG BAT' 8" × 14⅛" / **'FALCON'** 9" × 7½" — Sealed Flat Sticky Flypapers

Sole Manufacturers—

KAY BROTHERS LTD.
STOCKPORT

Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.
LIVERPOOL - MANCHESTER - LEEDS.

Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

MANUFACTURED SOLELY BY

The Dee Oil Company, Ltd.

Delta Works . Bootle . Liverpool.

Packed in barrels, kegs and smaller packages according to requirements.

Inquiries are solicited for this article of **British Manufacture,** and buyers may rely that for quality and price, it will meet any competition.

Other Grades

Petroleum Jellies, White Bases, &c.

Samples and prices on application.

"OLEUM DEELINÆ," a certain cure for Eczema.

Phone: 186 Bootle. Wires: "Cestrian Liverpool."

TECHNICAL AND MEDICINAL WHITE OILS.
PETROLEUM JELLIES.
PARAFFIN WAXES.
NEUTRAL OILS, Debloomed and Undebloomed.
PALE & RED LUBRICATING OILS.
CYLINDER OILS.

W. J. SMITH, *SOLE EUROPEAN REPRESENTATIVE.*
THE JAMES B. BERRY'S SONS CO. Inc.
110 Cannon Street, London, E.C. 4.

ASBESTOS FILTER FIBRE

Specially prepared for the filtration of Water, Beer, Spirits, Vinegar, Wines, Gelatine, Pharmaceutical Products and Essences.

GIVES A CLEAR AND SPARKLING FILTRATE AT A MINIMUM COST.

PURE, NEUTRAL AND INSOLUBLE.

Write for Samples and Prices to
TURNER BROTHERS ASBESTOS CO., Ltd.,
ROCHDALE, England.

LIQUID PARAFFIN, B.P.

(Browning)

THIS is a brilliant, water-white oil, s.g. ·890, answering fully all the B.P. requirements, and of the correct "viscosity" to secure the best results.

Answers the strictest "cold test." The finest Liquid Paraffin on the market. Always the same quality.

Samples and Prices on application.

PETROLEUM JELLIES.

Immediate delivery given of any quantity or quality. Keenly competitive prices.

Send now for Samples and Prices.

THE WM. BROWNING CO., Ltd.
Albert Works, Regent's Park, N.W.1.

STERNS FOR THESE

PETROLEUM JELLIES

PARAFFIN WAX

WHITE OILS

PARAFFIN LIQUID

STERNS Ltd.

80 Royal London House, Finsbury Square, E.C.

PREMIER CASTOR OIL

IN BARRELS

IN TINS & CASES

IN DRUMS

PREMIER OIL EXTRACTING MILLS Ltd.
STONEFERRY,
HULL.

Also Manufacturers of

OILS — RAPE, SOYA, GROUNDNUT — MEALS

PAINTING MATERIALS

The advertisement below is appearing in the chief National Newspapers, and 200,000 copies have already been distributed. If you sell Painting Materials send your trade card for a free copy to-day and learn how profitable these lines are to handle.

Post 1/3 Free

More than ever, owing to the scarcity and high cost of labour people are decorating their home themselves and require practical assistance and advice on work and materials. Our 144 page book

HINTS FOR HOME DECORATORS

is packed with valuable tips, hints and advice on home decoration and SAVES POUNDS in decorator's bills.

Send for your copy to-day. Money back if not satisfied.

TEXALO MFTG. CO.
(*Dept.*), South Shore
Blackpool.

Full Instructions on Painting, Paperhanging, Staining, Graining, Varnishing, Enamelling, Stencilling, Sign writing, Whitewashing, Dyeing, Polishing, Paint & Colour Mixing, etc. How to make Inks, Stains, Dyes, Colours, Polishes, and scores of Priceless Recipes.

There is a great increase in the number of retailers stocking Painting Materials, and your opportunity to do good business is now. *Write for a free copy to-day.*

TEXALO MANUFACTURING CO.
Paint and Varnish Manufacturers, (2)
SOUTH SHORE - BLACKPOOL, LANCS.

ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED

IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

Carnwath Road, Fulham, London, S.W.

WHO INVITE INQUIRIES.

Established over a Century.

SAMUEL THORNLEY, LTD.

WHOLESALE DRUGGISTS AND DRYSALTERS, OIL IMPORTERS, GREASE AND VARNISH MANUFACTURERS.

Members of the Methylating Company, Limited.

Telephone: 2271 Central (3 lines).

Telegrams: "TURPS B'HAM."

Head Office:

6 Snow Hill, BIRMINGHAM.

Works - - - Slaney Street, Wharf Street.

Branches:
GOSTA GREEN.
GOOCH STREET.
DERITEND.
JOHN BRIGHT STREET.

A Quick-selling Home Dye

The glass tube and the rubber bulb make Ralty Dyes the cleanest-to-use in the world. The dye cannot leave the tube except *in solution.*

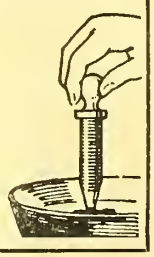
Strong advertising matter, showcards, counter boxes and booklets support Ralty Sales, and the favourable terms quoted make it the most profitable line you can carry.

Ralty Dyes are protected by Patent, and offer you an opportunity of being first in the field with something entirely fresh and successful in home dyes.

This picture shows how Ralty is used. Simply press the rubber bulb three or four times.

Send for free samples, terms, etc.

PATENT.



ECROYD & Co.
RALTY WORKS,
FARNWORTH, BOLTON.

Samples of Ralty Washing Blue, Free.

It is Easy to Sell when it's Advertised Well.

¶ The new advertising campaign of Fairy Dyes is commencing now in every leading Lady's Weekly and Monthly throughout Great Britain. Get ready now for the spring-cleaning time demand.

¶ This intensive campaign is being handled by a leading Agency, and will appeal to the public as never before. It will convince them by forceful "copy" and appropriate sketches of the folly of merely asking for *a* home dye and not for *the* home dye—

FAIRY DYES

¶ Quick turnover, increasing sales, repeat orders, for a dye that is simple to use and certain of splendid results, a choice of twenty-two different shades, all alike suitable for cottons, linens, woollens or silks. These are some of the Fairy features.

¶ Underline *"Fairy Dye"* in your mind. Put it to yourself this way. "Am I ready with plenty of stocks to meet the demand which is almost upon me now? Fairy Dyes are already in demand, and are sold to the public at 2d. per packet. Can I supply them?"

"FAIRY DYES, Ltd."

Registered Office:

20 Renfrew St., GLASGOW.

Telegrams - - - - "FAIRYLAND GLASGOW."

Finest BLACKS and

COLOURS

(ALL SHADES)

Soluble in Water, Spirit, Oil, Turps, Benzoline, Glycerine, Wax, Naphtha, Petroleum, Creosote, in fact — anything.

BLACK
FOR INK.

MARKING INK.

ETERNITE
Combined Preservative and Stain for Wood.

HOUSEHOLD DYES.

CARAMEL COLOUR
in Powder.

Guaranteed Harmless.

50 times the concentration of Liquid Caramel.

RHEUMSOL BATH SALTS in 1/- tins

WILLIAMS BROS. & CO.

HOUNSLOW, MIDDLESEX.

EFFERVESCENT

HEALTH SALT

OF EXCELLENT QUALITY IN DECORATED TINS OF VERY ATTRACTIVE AND EXCLUSIVE DESIGN.

Also in labelled Tins under Customer's "own name." Showcards Supplied Free.

For Prices and Full Particulars—

LORIMER-MARSHALL, LTD.

Manufacturing Chemists,

12 TOWER HILL, LONDON, E.C. 3.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)

Samples from Head Office, Thomas Street, DUBLIN, or London Office, 43 Great Tower Street, LONDON, E.C.3.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE

FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY Co. Ld.

The Largest Makers in the United Kingdom.

BANKHALL DISTILLERY SANDHILLS, LIVERPOOL. Office: Atlantic Buildings, Brunswick St., Liverpool

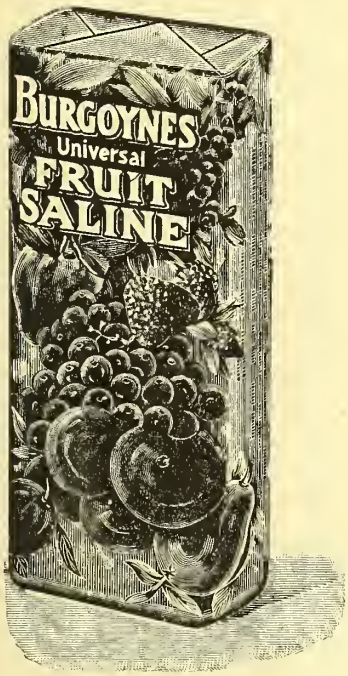
Are you participating in the Wincarnis Bonus Scheme?

Coleman & Co. Ltd.
Wincarnis Works, Norwich.

EVERY PHARMACIST

can gather a profitable
lesson from the story of

Burgoyne's Universal Fruit Saline



SOLELY on account of its excellent properties, and unaided by any advertising campaign in the public press, Burgoyne's Fruit Saline has secured a permanent place in the front rank of household remedies. This is unmistakably proved by its steadily increasing sales.

A pleasant and effective beverage-aperient, it has established itself in thousands of homes because of the thorough manner in which it accomplishes its purpose.

A preparation which needs no recommendation after the first sale is obviously a profitable line for the chemist.

If you have not hitherto included Burgoyne's Fruit Saline in your stock you should prove its advantages for yourself without further delay.

By obtaining a supply now you will discover the desirability of making it a special feature during the coming Spring.

Price **17/6** per dozen.
Retails at **2/3** per bottle P.A.T.A.
A profit of **9½**d. on every bottle.

Post your order to-day to the Sole Proprietors & Manufacturers :

BURGOYNE, BURBIDGES & CO., Ltd.

EAST HAM, LONDON, E.

TRADE BB & Co MARK

Essences

Essential Oils

and

Aromatics

for all purposes.

PREPARED BY

A. Boake, Roberts & CO. LTD.,

100 CARPENTERS ROAD,
STRATFORD, E. 15.

Telephones: East 846, 847. Broadway 2440, 2441.
Telegrams: "Boake, Strat, London."

SUGAR CHEAPER

THIS MEANS THAT

Mason's Extract of Herbs

Will be in big demand this season

and chemists are requested to replenish their stocks.

Send for Price List to

Newball & Mason
NOTTINGHAM.

BUXTON
NATURAL MINERAL WATER

can be had in bottled form, 7 oz., 11 oz. and 24 oz. Sparkling and Still. Forms an ideal Table Water and mixes excellently with wines, spirits, and non-intoxicants.

Agencies wanted in the United Kingdom.

Particulars from

J. M. SCOTT, General Manager, Mineral Springs, Buxton.

Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley, N. F. Cocoa, Biscuits, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock, if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd., Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays, Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

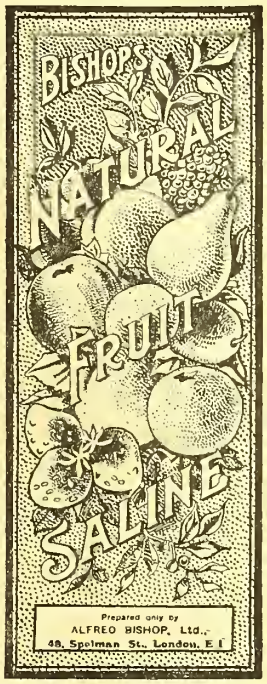
BISHOP'S NATURAL FRUIT SALINE

What it is.

BISHOP'S
Natural Fruit Saline

is free from sugar or saccharine, yet makes a delightfully palatable beverage. Clears the liver and kidneys, and acts as a mild aperient. It is manufactured in small granules and keeps well in any climate.

It pays to push BISHOP'S !



What it costs.

BISHOP'S
Natural Fruit Saline

retails at 2/3 per bottle P.A.T.A.

Wholesale price, 20/- per dozen.

5 dozen - -	£5 0 0
10% discount	10 0
Net	£4 10 0

Carriage Paid.

Thus showing a profit of 9d. per bottle.

Attractive show material and price cards sent with each order.

PREPARED ONLY BY **ALFRED BISHOP, LIMITED, 48 Spelman St., LONDON, E.1**

Dr HALE'S
VIN-SANGUIS
WINE FOR THE BLOOD

Fountain of Health

If you have a Wine License we will pay the fee.
If not, get one, we will pay license.
Send for any further particulars

You agree to display "Vin Sanguis" always.
You give us an agreed initial order.
You always keep stock

PROPRIETORS OF
DR. HALE'S VIN-SANGUIS
Transcontinental Agencies Ld.
14, Southampton St., London, W.C.2

"ENERGEN"

The Brand of DIABETIC BREAD that is now being recommended by the Medical profession, as it is "the only one that fulfils their requirements."

CAN YOU SUPPLY IT ?

If you cannot, then write immediately for full particulars, so that patients placed on this diet by their doctors can obtain their supplies through you.

Specially packed for Chemist's Trade.

Light, crisp, delicious rolls.

The most palatable and nutritious Gluten bread on the market. Keeps perfectly.

YIELDS A GOOD PROFIT.

THERAPEUTIC FOODS CO.
19c Roundwood Road, Willesden, N.W.10. 6

VITMAR

The Medical Profession are recommending VITMAR for delicate Children and Invalids.
If you do not yet stock it your wholesaler will supply you.

Manufacturers—
CALLARD & CO., Food Specialists,
74 Regent Street, LONDON, W. 1.

"MALTINE"

"Maltine" differs from other Malt preparations in containing the concentrated nutritive elements of Malted Wheat and Oats, in addition to Barley, and should not be confounded with ordinary Malt Extract.

Rich in Diastase and Proteids

For over forty years "Maltine" has been prescribed—

As a nutrient in feeble nutrition and wasting.
As a starch digestant to aid feeble digestion.
In fever and milk diet, to prevent coarse curdling.
In Infant Feeding, to humanise or modify cows' milk, and a counteractant of Infants' Constipation.
As a galactagogue for Nursing Mothers.
For its excellent bone-making and flesh-forming properties.

Price 2/9 and 4/6, less 25%

"MALTINE" with 30% COD LIVER OIL.

More nutritious than Emulsions, as it contains the extractives of Malted Wheat, Oats and Barley compounded with 30 per cent. of Norwegian Cod Liver Oil. A valuable flesh-forming food, rich in Proteids, Carbohydrates and Fats.

Price 2/9 and 4/6, less 25%

"MALTO-YERBINE."

A combination of Maltine with Yerba Santa—the sacred herb of California. Yerba Santa provides an aromatic balsam of particular value in Night-Coughing, After-Influenza Cough, Bronchial Affections, Asthma and associated conditions.

Price 3/- and 5/6, less 25%

"Maltine" Specialities are regularly advertised, packed in two sizes and supplied by wholesale distributing houses.

The MALTINE MANUFACTURING COMPANY, Ltd.
(Established over 40 years)
183 Acton Vale, LONDON, W.

Why Doctors prefer VIROLAX to the ordinary Laxatives

The Nutrient Laxative

DOCTORS know the risk of overloading the system in cases of irregularity. Bulky food when not digested is apt to aggravate the trouble and so increase the growth of bacteria in the bowel. This danger is avoided by Virolax, which is an effective Laxative, and supplies essential nourishment in a light, compact, and easily digestible form. Mere purgatives tend to weaken the system still further, but Virolax strengthens the organs while cleansing them.

Virolax combines the nutritive properties of Virol (egg, bone marrow and malt extract) with liquid paraffin. It is a perfect lubricant, and, as a result of its method of manufacture, free from the well-known drawbacks of ordinary medicinal Paraffin. It is so pleasant in flavour that children and adults take it gladly.

Virolax is packed in 4 oz. and 16 oz. tins at 1/- and 2/8, and is supplied to the Trade in one dozen boxes at 10/- and 27/- per dozen. Terms: £3 orders carriage paid, less 5%. On orders over £5 an extra discount of 5% is allowed on condition that window display is made. These terms will also apply to combined orders for Virol and Virolax to the value of £3 and £5.

Virolax

(*Registered Trade Mark*).

Show Cards and advertising material on application.

VIROL, Ltd., 148-166, Old Street, London, E.C.1.

WHOLESALE ONLY

We Specialise in the Manufacture of

GLASS STOPPERED BOTTLES

for

Perfumes, Chemicals, Spirits, etc.

Stoppering Guaranteed.
Prompt Delivery.

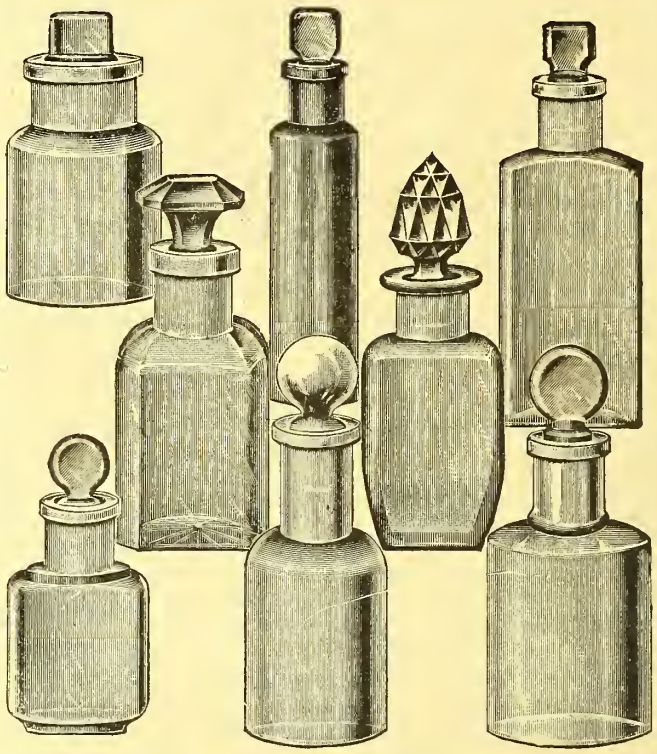
MOULDS for Special Shapes made at these Works.

Samples and Prices on Application.

John Dowell & Sons (Glass Bottle Manufacturers) Ltd.,

Leagrave Works, Chatsworth Road, Clapton Park, London, E.5.

Tel. No.: Dalston 2219.
Tel. Add.: "Acetized, Hack, London."



WE MAKE IN ENGLAND

GLASS BOTTLES

ESTABLISHED 1880.

WE import from our special works in France and Belgium all kinds suitable for Chemists, Perfumers, Essence Manufacturers and all kindred trades. We are in a position to give prompt deliveries of reasonable quantities in a reasonable time. Prices on application.

STOCKS OF VARIOUS SHAPES & SIZES.

A. Ruch & Co., Ltd.

Geo. G. Forsyth,

28 MARTIN LANE, CANNON STREET, LONDON, E.C.4.

Telegrams—"Sennock, Cannon, London."
Telephone—Central 4799.

LOVATT & LOVATT, Ltd.

The Pottery, Langley Mill, near NOTTINGHAM

Makers of

STONEWARE BOTTLES and JARS

London Office:
26-27 Hatton Garden,
E.C. 1.

CAPPING SKINS

WHITE AND COLOURED SPLITS,
OPAQUE AND TRANSPARENT
BAUDRUCHE. SPRINKLERS.
GLASS BOTTLES OF ALL DESCRIPTIONS

ARTHUR TOOMBS & CO., Perfumers' Sundriesmen

26-27 Bush Lane, Cannon St., LONDON, E.C.4.

Telephone: Central 13374.
Telegraphic Address: "Deflection, Cannon, London"

IMPORTANT.

Natural Mineral Waters.

WE beg to inform the Trade that we are now regularly receiving consignments of Natural Mineral Waters from the Continent and other parts of the World.

We are thus in a position to execute orders for the leading well-known Natural Mineral Waters, as under :—

VICHY-CÊLESTINS AND THE OTHER STATE SPRINGS

AESCULAP
AIX-LES-BAINS
APENTA
APOLLINARIS
CHATEL-GUYON
CARLSBAD
CARLSBAD SPRUDEL SALT
CONDAL
CONTREXEVILLE-PAVILLON
EVIAN-CACHAT
FARRIS
GIESSHUBLER (Mattoni)
HUNYADI JANOS
INSALUS
KRONENQUELLE
LA BOURBOULE
LEVICO
MONTMIRAIL
MONTREUX
PELLEGRINO
PERRIER
PLOMBIERES
PLUTO
POLAND
PURGOS
RUBINAT
ST. BOES
ST. GALMIER
SANGEMINI
SELTERS (in stone jugs)
TANSAN
VALS
VILLACABRAS
VITTEL, etc. etc.

Prices of the above quoted on application.

Any Natural Mineral Water not in stock, if procurable, can be imported to special order during the Season.

INGRAM & ROYLE, Ltd.

BANGOR WHARF, 45 BELVEDERE ROAD, LONDON, S.E.1.

Telephone: HOP 4343 (2 lines). Telegrams: "INGRAM ROYLE, WATLOO, LONDON."

LIVERPOOL: 19 South John Street.

Telephone: BANK 4528. Telegrams: "CELESTINS LIVERPOOL."

BRISTOL: Bath Bridge.

Telephone: 1113. Telegrams: "SPRUDEL BRISTOL."

(2)

A SATISFIED CUSTOMER IS THE CHEMIST'S BEST ADVERTISEMENT

The Marvel Whirling Spray Syringe

Gold Medal Awarded, Paris, 1902, by the Société d'Hygiene of France

as the latest and best improvement in Vaginal Syringes. Particular attention is called to the fact that by reason of its peculiar construction the Marvel Syringe dilates and flushes the vagina with a volume of whirling spray, which smooths out the folds and permits the injection to come into contact with and cleansing the entire surface.

Fully Protected by Patents.

You can safely recommend it.

Has no rival on the market, is well advertised, pays a good profit, quality guaranteed. The MARVEL is returnable for exchange if found defective and reported promptly.

Trade price, 125/- per doz.

Retail price, 15/- each.

FASSETT & JOHNSON, Ltd.

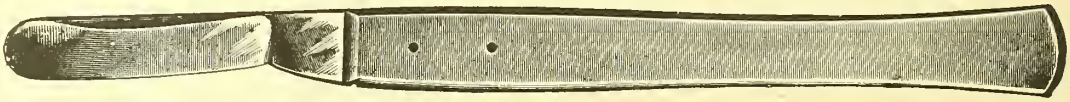
86 Clerkenwell Rd., London, E.C. 1.

ELASTIC GUM SURGICAL INSTRUMENTS.

Catheters and Bougies, in Black or Brown Gum, and Finest Silk Web. Specula, Rectal and Œsophageal Instruments, Horse Catheters and Cattle Probangs. Wholesale and Export only. *Price List from the Manufacturers.*

MASON BROS. & CHAPMAN, 107 Whitecross St., LONDON, E.C. 1.

"INTRINSIC" Brand (Highest Grade) SURGICAL KNIVES and SCISSORS.



Inquiries invited by the ACTUAL MAKERS. Amputating, Dissecting, and Veterinary Knives, Symes, Scalpels, Bistouries, Lancets, etc.

J. MILNER & Co.

***Orient Works:* 36 & 38 Matilda St., SHEFFIELD (Estd. 1842).**

FOR

TRUSSES

TRY THE MAKERS:—

SAYERS, SILCOX, CUZNER & CO., LTD.,

14, 15, 16 PROSPECT STREET, HULL.

Surgical Dressings

Packed to suit Customers' requirements.

Special Quotations for Large Quantities.

ABSORBENT GAUZES
ABSORBENT RIBBON GAUZES
ABSORBENT WOOLS
ABSORBENT LINTS
ABSORBENT GAUZE TISSUE
WOOD WOOL WADDINGS
GREY CARDED WOOL
JUTE TOW
PEAT MOSS

BANDAGES
OPEN WOVE
CREPE
DOMETTE
FLANNEL
PLASTER OF PARIS
CRINOLINE

JACONETS
SHEETINGS
BATISTES
OILED SILKS & COTTONS
G. P. TISSUE

Carnegie Bros.

Contractors to H.M. Government.

227-229 ESSEX ROAD, LONDON, N. 1.

Telegrams: "Carnebros, Phone, London." ABC Code, 5th Edition.
Telephones: Dalston 3560 and 2318.

INQUIRIES AND CORRESPONDENCE INVITED

WHOLESALE AND EXPORT ONLY.

CLINICAL THERMOMETERS

ENGLISH MAKE.

VERIFIED AND STAMPED AT NATIONAL PHYSICAL LABORATORY.

REVISED PRICES

		s. d.			s. d.
HOSPITAL pattern	per doz.	25 0	**60 SECONDS**, lens front ...	per doz.	34 0
,, lens front	,,	28 0	**30** ,, plain	,,	34 0
60 SECONDS, plain	,,	31 0	**30** ,, lens front ...	,,	37 0

EACH ONE IN METAL CASE.

HOUSE AND BATH THERMOMETERS

			Per doz.	s. d.
No. 1008.	**HOUSE THERMOMETER**	Assorted colours	8-in.	10 6
,,	,,	Imitation boxwood	10-in.	12 0
,,	,,	With metal scale	8-in.	16 0
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No. 1009.	**BATH THERMOMETER**	Plain wood, floating	8-in.	10 0
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No. 1608.	,,	In japanned metal frame	10-in.	30 0
	FOOD & BATH ,,	In reversible metal case for pocket		18 0
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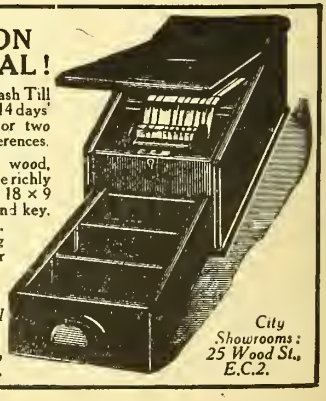

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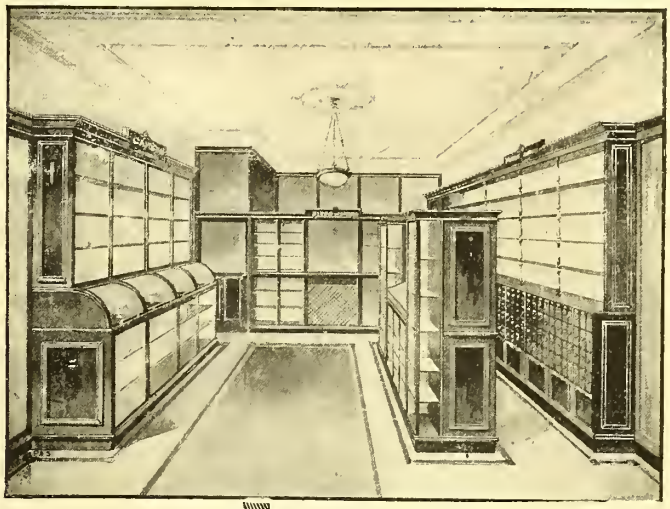

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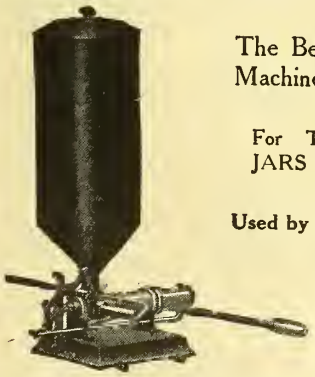

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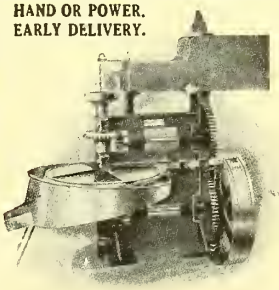

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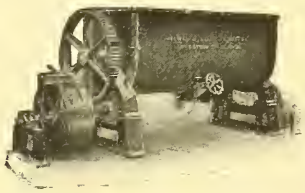

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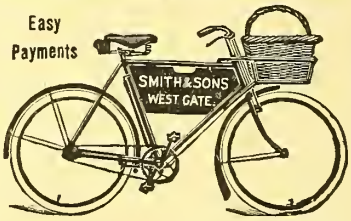

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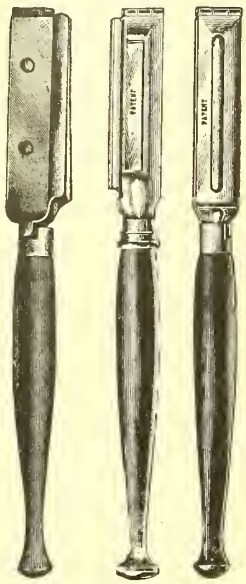

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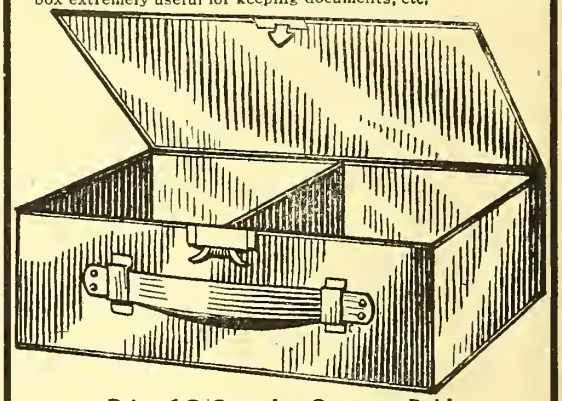

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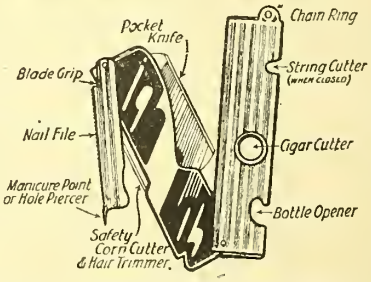

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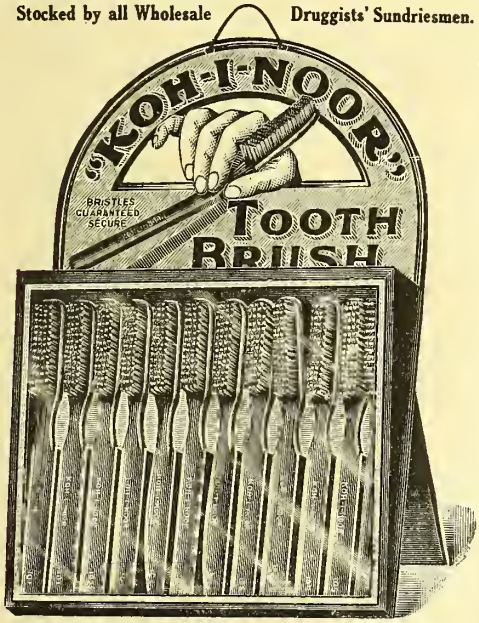

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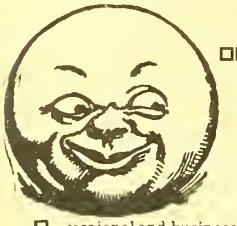

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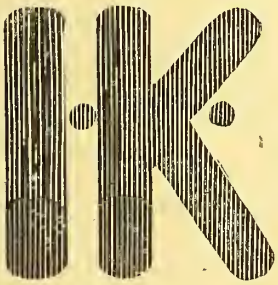

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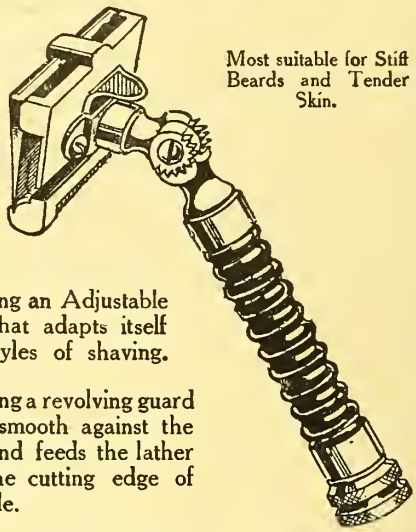

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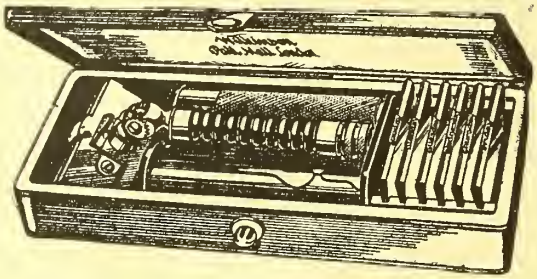

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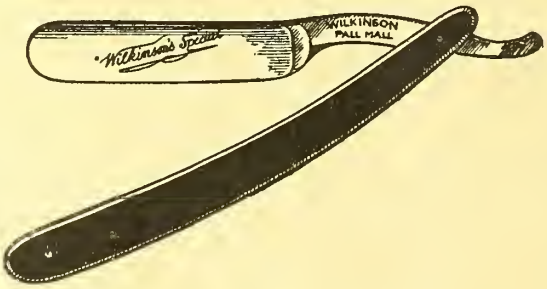

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Tubes of all sizes, Test Tubes, Douche Linings, Burettes, Separating Funnels and many other lines in Chemical and Laboratory Glassware.

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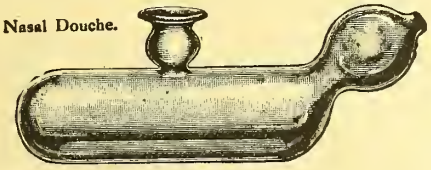

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THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST.
LONDON E.C.4

MARCH 19, 1921

This Supplement is inserted in every copy of The Chemist & Druggist.

EASTER HOLIDAYS

NEXT WEEK THE CHEMIST AND DRUGGIST SUPPLEMENT will be put to Press a day earlier than usual. Therefore any advertisements intended for the SUPPLEMENT of March 26 should reach this Office not later than

N.B.—The Offices will be closed from Thursday evening, March 24, to Tuesday morning, March 29.

10 a.m. on Wednesday, March 23.

ADVERTISEMENTS RECEIVED LATER will be INSERTED in the ISSUE of APRIL 2.

EARLIER CLOSING FOR PRESS.

Will advertisers please note that until further notice it will be necessary that Advertisements intended for the Supplement must reach us not later than the FIRST POST THURSDAY MORNING.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—LONDON (West End).—High-class Dispensing and Retail Business, established upwards of a century; returns £3,000; *profits above the average of Retail trade*; large, handsomely fitted shop; stock good and well selected; intending investors, with £2,000 at command, will find this a sound investment.

2.—LONDON, S.W. (main thoroughfare).—Modern Pharmacy, well fitted and fully stocked; returns about £4,000 per annum; scope for development under energetic management; chiefly ready-money business; lock-up shop; further particulars on application.

3.—LONDON, S.W.—For immediate disposal, a Wholesale Business in Toilet Preparations, showing a 50% *profit on the turnover*; well-appointed premises; held on lease; valuation terms entertained.

4.—LONDON, S.W.—Busy shopping thoroughfare; to let or for disposal; freehold premises, formerly held by a Chemist for many years; a premium of £250 will be accepted, which includes the shop fixtures, fittings, carboys, etc.

5.—HOME COUNTY.—Good-class Retail and Dispensing Business, situate in a favourite residential town within easy distance of London; returns, under management, about £3,000 per annum, at good prices; well-appointed shop, fully stocked; the Business offers scope for extension under personal supervision; price £3,000.

6.—VICTORIA STATION (within easy distance of).—Lock-up Pharmacy; returns, under manager, about £2,000 per annum; moderate rental; to effect a speedy transfer vendor is willing to consider any reasonable offer.

7.—CHISWICK (near).—Cash Retail Business, with N.H.I. Dispensing; returns between £30 and £40 weekly; terms, goodwill and lease £200, stock and fixtures at valuation.

8.—MIDLANDS (West).—Well-established Business, situate in small town; returns about £1,300; *profit (net)* 25%; vendor estimates the value of stock and fixtures at £900; there is a comfortable residence, with fruit garden and lawn; the premises may be purchased if desired; price for Business £900.

9.—LEEDS.—For disposal through ill-health, ready money Business; capital opening for a qualified man; returns have been £16 weekly; no reasonable offer refused.

10.—L.N.W. MAIN LINE (large manufacturing town).—Ready-money Business, situate in the centre of town; returns £3,000; *net profit about* £750; price £2,500.

11.—WESTCLIFF-ON-SEA.—Old-established Business, situate in close proximity to Railway Station; returns upwards of £2,400; good opening for modern trading; comfortable residence; held on lease; price about £2,000.

12.—SOUTH COAST (seaport town).—Modern well-fitted shop and large stock; returns about £3,000; price £2,000, or offer entertained.

13.—HANTS (large town).—Cash Retail Business, including Postal trade and Dental Practice; returns upwards of £12,000, at good prices.

14.—NORTH STAFFS.—Modern Cash Retail, with N.H.I. Dispensing; returns upwards of £3,000 yearly; moderate rental; new lease will be granted; price £1,250 cash.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a periodical Statement of Account, by which means alone **Profit, the value of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties and make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

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2.—SOUTHEND (Near).—Middle-class cash retail, present weekly returns £20 under manager, will easily do £30 to £40 in summer; small house with large shop; 21 years' lease granted; fully stocked; price £650.

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MESSRS. BERDOE & FISH have a large number of clients desirous of purchasing Businesses within 100 miles of London, requiring cash from £1,500 to £3,000. Also in suburban London, £1,000 to £2,000.

We can guarantee quick sales with the utmost privacy; particulars received in strictest confidence. Terms sent on application.

ESTABLISHED 1870.

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— LIMITED —

Head Offices—31 Kimberley House, 14-17 Holborn Viaduct, London, E.C.1

PHONE: CITY 6942.

We are now booking dates for Stocktaking, and having a fully-qualified staff dealing with this most important work, can guarantee prompt and satisfactory results, upon reasonable terms.

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1.—BEDFORDSHIRE.—Very old-established Business in busy town; returns £7,000 per annum; Dispensing, Photographic, Optical; long lease; price £4,000; handsomely fitted and well stocked.

2.—Wholesale Soap and Perfumery, etc., Business, situated at Hammersmith, for Sale as a going concern; valuable machinery, plant, stock, etc.; spacious, up-to-date factory; rental £200 per annum; fullest investigation invited.

3.—TOOTING.—First-class Business, in busy thoroughfare; long valuable lease; returns £60 per week, under manager; good reason for disposal; good house, nicely fitted shop, and excellent stock; fullest particulars on application.

4.—For Sale as a going concern, a Wholesale Manufacturing Chemists' Business, supplying Fly Gum, Rat, etc., Poisons, Specialities, and Packed Goods to Chemists and Drysalters; large connection; assets include valuable electric packing machines, grinding mills, etc., and large stock of raw and manufactured articles; well-known registered trade-marks; up-to-date factory and machinery, in good condition.

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174 Victoria Street, S. W. 1. Tel.: Victoria 27.

Valuers for Purchase, Sale, Probate, Income Tax; Balance Sheet, &c.

Recommended by The British Drug Houses, Ltd., Messrs. Meggeson, Ltd., Messrs. Barclay & Sons, Ltd., and many other leading Wholesale Houses. Valuers to the Association of Manufacturing Chemists.

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Licensed Valuer, Stocktaker — and Transfer Agent. —

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STOCKTAKING, has always been considered an expensive and irksome job, and consequently has been more or less neglected, but enhanced values, coupled with Official Income Tax activity, is making the process indispensable, furthermore, the accruing value of a business should from time to time be known, so that a prospective seller can at any time negotiate a sale with safety.

By personal attention and expert staff I relieve you of all worry, making minimum requests for assistance, or none. The following speaks for itself:—

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Write at once for terms stating convenient date, I can give you Valuation or Detailed and Analysed Stocktaking, or, if you take stock yourself, can price it out for you.

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CLINICAL Thermometers, ½-minute tested, 18 dozen, at 16s. per dozen; Veedee Vibrator, 25s.; Morton's Ophthalmoscope, 50s.; Tycos Sphygmamometer, 60s.; also several Electric Batteries. Apply 41/11, Office of this Paper.

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CHEMIST'S Business, established over 50 years, in present family over 30 years; Retail, Family, Dispensing, Photographic, and Wine Licence; returns upwards of £3,000; premises with good living accommodation behind and over shop belong to seller, and are for sale either with or without business; good storage and conveniences; no company competition; no heavy trade; Kodak and Ural agencies; within easy access of London, and a genuine and profitable business; only ready cash buyers entertained; excellent stock of every description; stock and fixtures, etc., valued at £2,000; a favourable opportunity for acquiring a really sound business; not in agents' hands. Apply 44/38, Office of this Paper.

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FOR Sale, Drug Stores in main road, S.E.; old established; good Photographic trade; good opening for Optics and N.H.I.; turnover £1,200, could be considerably increased under qualified management; look-up shop and parlour, or 3 rooms, with convenience; illness cause of sale; present management 11 years; price £650. Apply 24/54, Office of this Paper.

GENUINE old-established City Business, West of England; excellent profits; good living accommodation; long lease; for quick sale, accept £2,300; good reason for disposal; particulars in return for bankers' reference. Apply 46/15, Office of this Paper.

RUBBER goods and Chemists' sundries manufacturing business, London, for disposal as a going concern; about £4,000 required; profits about £1,500 per annum; owner will teach buyer the business and leave some capital in. Particulars from Messrs. Arnold & Co. (London), Ltd., 143 Cannon Street, E.C. 4.

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AGENCY required, Liverpool and district; long and well-established connection Chemists, Stores, etc.; advertised Proprietary preferred. Apply 45/13, Office of this Paper.

AGENT wanted; Surgical Instruments, Glass, Sundries, for Wholesalers; Continental firm is desirous appointing bright, energetic Agent; must reside London. Write "Surgics," 19 rue Bienfaisance, Brussels.

AGENTS wanted to introduce a small side-line amongst Chemists; easily carried in pocket; good commission on sales; all orders executed through Wholesale houses. Apply 45/6, Office of this Paper.

COCOANUT-OIL Shampoo; Agency, covering large area, required; best selling line on the markets; good terms offered; first-class references required. 46/24, Office of this Paper.

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CHEMIST'S Shop (good size), 180 Wandsworth Road, freehold, for Sale; vacant possession; completely fitted for doing immediate business; shop closed by war; good accommodation and repair. Bartlett, 26 Bush Lane, E.C.

VACANT Possession.—Freehold, established, fully fitted Chemist's Shop, with house, Wandsworth Road; inclusive price £1,850; mortgage if desired. Apply E. W. Brown, Surveyor, 4 Finsbury Square, E.C.

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6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

ADVERTISER, in business, contemplates change for health reasons and wishes to purchase sound business showing net profit of about £400 with good house and garden; suburb, seaside, or country; healthy district and dry climate essential; no heavy trade. Apply 45/1, Office of this Paper.

BUSINESS required; on coast preferred, but not essential if genuine; returns about £1,500; cash available. State the very fullest particulars first letter, in absolute confidence, to Mr. Ashley, 150 Woodhouse Street, Leeds.

CHEMIST'S Business or Drug Store wanted; neglected business not objected to if plenty of scope for increase; cash available; kindly give full particulars, which will be treated in strict confidence. 45/27, Office of this Paper.

DRUG STORE.—Wanted, in town or country, a Drug Store or neglected Pharmacy; any district, but Lancs or Yorks preferred; living accommodation an advantage; all letters answered and received in confidence. 46/330, Office of this Paper.

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6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

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BIRMINGHAM.—Young lady Assistant required; position would suit one who has had either Wholesale or Retail experience. Write, stating age, salary required, and when at liberty, "H. L." (46/160), Office of this Paper.

CENTRAL LONDON.—Qualified Assistant, about 30; outdoors; smart, gentlemanly, reliable, industrious, and good Salesman; recommended; varied experience London and provinces; no N.H.I.; full day off every other week; 2½ hours duty alternate Sundays and Bank Holidays. Complete particulars to "Bloomsbury" (P.C.B. 71/15), Office of this Paper.

COVENTRY.—Gentlemanly Assistant required for best-class Family and Retail Business; must be accurate Dispenser and have good knowledge of Photography. Full particulars as to height, age, references (no copies), experience, and salary required, Chas. H. Welton, 60 Smithford Street, Coventry.

HULL.—Wanted, senior qualified Assistant (outdoors), permanent preferred, for high-class Retail and Dispensing business. Please reply, giving full particulars, age, reference, and salary required, to S. T. Kirton, 35 Louis Street, Hull.

LANCASHIRE.—Qualified Assistant (single) for Light Retail and N.H.I. Dispensing business; permanency, with good prospects. Apply "B." (44/33), Office of this Paper.

LONDON, N.W.—Wanted, Assistant; outdoors; experienced Dispenser. Apply, stating salary required, etc, to "Menthol" (46/27), Office of this Paper.

LONDON, S.E.—Assistant (gentleman); good Dispenser; knowledge of Photography; age about 24; outdoors; reliable and energetic; state experience and salary required, or apply personally. R. Banbury, Chemist, 390 Walworth Road, S.E.

LONDON, S.W.—Qualified Assistant, age 22 to 30, for Retail Counter; previous London experience preferred. Apply, giving full particulars of previous experience, age, and height, to Wilcox, Jozeau & Co., 49 Haymarket.

LONDON, S.W.—Wanted, for middle of April, capable energetic Male Assistant (outdoors); age about 25; must be an accurate Dispenser and experienced Salesman; knowledge of Photography an advantage. Also Junior or Improver (male); ample opportunity for obtaining thorough knowledge of Chemist's business. Apply personally or by letter, stating experience and salary required, to W. J. Boyes, 61 Balham Hill, S.W. 12.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

1.—LONDON, S.E.—Middle-class cash suburban retail; returns over £1,800; no N.H.I.; good profits, low rent, on lease; good house and garden; well-fitted shop, fully stocked; price £1,400.

2.—SOUTHEND (Near).—Middle-class cash retail, present weekly returns £20 under manager, will easily do £30 to £40 in summer; small house with large shop; 21 years' lease granted; fully stocked; price £650.

BUSINESSES WANTED.

MESSRS. BERDOE & FISH have a large number of clients desirous of purchasing Businesses within 100 miles of London, requiring cash from £1,500 to £3,000. Also in suburban London, £1,000 to £2,000.

We can guarantee quick sales with the utmost privacy; particulars received in strictest confidence. Terms sent on application.

ESTABLISHED 1870.

The Association of Manufacturing Chemists

— LIMITED —

Head Offices—31 Kimberley House, 14-17 Holborn Viaduct, London, E.C.1

PHONE: CITY 6942.

We are now booking dates for Stocktaking, and having a fully-qualified staff dealing with this most important work, can guarantee prompt and satisfactory results, upon reasonable terms.

VALUATIONS for Purchase, Probate, Income Tax, Sale Balance Sheet, etc.

We have the following Businesses for Disposal:

1.—BEDFORDSHIRE.—Very old-established Business in busy town; returns £7,000 per annum; Dispensing, Photographic, Optical; long lease; price £4,000; handsomely fitted and well stocked.

2.—Wholesale Soap and Perfumery, etc., Business, situated at Hammersmith, for Sale as a going concern; valuable machinery, plant, stock, etc.; spacious, up-to-date factory; rental £200 per annum; fullest investigation invited.

3.—TOOTING.—First-class Business, in busy thoroughfare; long valuable lease; returns £60 per week, under manager; good reason for disposal; good house, nicely fitted shop, and excellent stock; fullest particulars on application.

4.—For Sale as a going concern, a Wholesale Manufacturing Chemists' Business, supplying Fly Gum, Rat, etc., Poisons, Specialities, and Packed Goods to Chemists and Drysalters; large connection; assets include valuable electric packing machines, grinding mills, etc., and large stock of raw and manufactured articles; well-known registered trade-marks; up-to-date factory and machinery, in good condition.

Principals only. Particulars from Parkin S. Booth, Association of Manufacturing Chemists, Ltd., 31 Kimberley House, Holborn Viaduct, London, E.C.; 2 Bixteth Street, Liverpool; or C. W. Preston, Incorporated Accountant, Bond Street, Hull.

CHARLES C. MARSDEN

Valuer, Transfer Agent & Stocktaker,

44 Sholebroke View, Chapeltown Road, Leeds.

Stocktaking Valuation. Special Terms.

All Valuations have the personal attention of C. C. Marsden.

PARSON C. BAKER, Ph.C., M.P.S.,

4 Cyprus Rd., N.3. Tel.: 941 Finchley

WM. ROOKE ROBERTS, M.P.S., F.S.M.C.,

174 Victoria Street, S.W. 1. Tel.: Victoria 27.

Valuers for Purchase, Sale, Probate, Income Tax, Balance Sheet, &c.

Recommended by The British Drug Houses, Ltd., Messrs. Meggeson, Ltd., Messrs. Barclay & Sons, Ltd., and many other leading Wholesale Houses, Valuers to the Association of Manufacturing Chemists.

ERNEST J. GEORGE,

Licensed Valuer, Stocktaker — and Transfer Agent. —

Mr. CHEMIST,

For years your business has been growing in value. Can you tell, off-hand, what it is worth to-day?

STOCKTAKING, has always been considered an expensive and irksome job, and consequently has been more or less neglected, but enhanced values, coupled with Official Income Tax activity, is making the process indispensable, furthermore, the accruing value of a business should from time to time be known, so that a prospective selier can at any time negotiate a sale with safety.

By personal attention and expert staff I relieve you of all worry, making minimum requests for assistance, or none. The following speaks for itself:—

"Herewith please find enclosed cheque in payment of account for Valuation. We wish to testify to the excellent manner in which this was carried out—not only in record time but with the least possible disturbance of business. With best wishes to yourself and staff."

Write at once for terms stating convenient date, I can give you Valuation or Detailed and Analysed Stocktaking, or, if you take stock yourself, can price it out for you.

Addresses—**ERNEST J. GEORGE,**

England & Wales—202 Birmingham Road, Walsall, Staffs.
Scotland & Ireland—26 Langside Road, Newlands, Glasgow.

FOR SALE.

The **Advertiser** may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

CLINICAL Thermometers, ½-minute tested, 18 dozen, at 16s. per dozen; Veedee Vibrator, 25s.; Morton's Ophthalmoscope, 50s.; Tycos Sphygmamometer, 60s.; also several Electric Batteries. Apply 41/11, Office of this Paper.

ETHYL Bromide, from bonded alcohol, 20 gallons for immediate disposal; best cash offer secures. 24/53, Office of this Paper.

1,000 BEAUTIFUL Vanishing Cream Jars, 20s. per 100; 2,000 rim-neck Tube Vials (10 grammes), 4s. 100. Elel Ltd., 114 Stanstead Road, S.E. 23.

BUSINESSES FOR DISPOSAL.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if referred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

NORTH WALES, desirable locality.—Good-class Light Retail, with excellent Specialties, returning now at the rate of £2,000, with every prospect of increase; good house and garden; lease; price £1,200. Apply, with reference, to 45/7B, Office of this Paper.

SUFFOLK.—Old-established Chemist's Business and Freehold Premises; unopposed in district of over 5,000 inhabitants; turnover exceeds £2,000 per annum and is increasing; no heavy trade; price for the whole £2,200; banker's references should accompany requests for further particulars; sole cause of sale advertiser has to undergo an operation. Apply 39/4, Office of this Paper.

CHEMIST'S Business, established over 50 years, in present family over 30 years; Retail, Family, Dispensing, Photographic, and Wine Licence; returns upwards of £3,000; premises with good living accommodation behind and over shop belong to seller, and are for sale either with or without business; good storage and conveniences; no company competition; no heavy trade; Kodak and Ural agencies; within easy access of London, and a genuine and profitable business; only ready cash buyers entertained; excellent stock of every description; stock and fixtures, etc., valued at £2,000; a favourable opportunity for acquiring a really sound business; not in agents' hands. Apply 44/38, Office of this Paper.

DRUG Stores and Dental Surgery; long lease; good profits; living accommodation; price £800. Apply T. A., 126 Stephendale Road, Fulham, S.W.

FOR Sale, Drug Stores in main road, S.E.; old established; good Photographic trade; good opening for Optics and N.H.I.; turnover £1,200, could be considerably increased under qualified management; look-up shop and parlour, or 3 rooms, with convenience; illness cause of sale; present management 11 years; price £650. Apply 24/54, Office of this Paper.

GENUINE old-established City Business, West of England; excellent profits; good living accommodation; long lease; for quick sale, accept £2,300; good reason for disposal; particulars in return for bankers' reference. Apply 46/15, Office of this Paper.

RUBBER goods and Chemists' sundries manufacturing business, London, for disposal as a going concern; about £4,000 required; profits about £1,500 per annum; owner will teach buyer the business and leave some capital in. Particulars from Messrs. Arnold & Co. (London), Ltd., 143 Cannon Street, E.C. 4.

SMALL Drug Stores, in West End, for Sale; every investigation; illness cause of sale. P.C.B. 71/25, Office of this Paper.

AGENCIES.

6s. for 50 words or less: 6d. for every additional 10 words or less, prepaid.

AGENCY required, Liverpool and district; long and well-established connection Chemists, Stores, etc.; advertised Proprietary preferred. Apply 45/13, Office of this Paper.

AGENT wanted; Surgical Instruments, Glass, Sundries, for Wholesalers; Continental firm is desirous appointing bright, energetic Agent; must reside London. Write "Surgics," 19 rue Bienfaisance, Brussels.

AGENTS wanted to introduce a small side-line amongst Chemists; easily carried in pocket; good commission on sales; all orders executed through Wholesale houses. Apply 45/6, Office of this Paper.

COCOANUT-OIL Shampoo; Agency, covering large area, required; best selling line on the markets; good terms offered; first-class references required. 46/24, Office of this Paper.

TO LET.

CHEMIST'S Shop (good size), 180 Wandsworth Road, freehold, for Sale; vacant possession; completely fitted for doing immediate business; shop closed by war; good accommodation and repair. Bartlett, 26 Bush Lane, E.C.

VACANT Possession.—Freehold, established, fully fitted Chemist's Shop, with house, Wandsworth Road; inclusive price £1,850; mortgage if desired. Apply E. W. Brown, Surveyor, 4 Finsbury Square, E.C.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

ADVERTISER, in business, contemplates change for health reasons and wishes to purchase sound business showing net profit of about £400 with good house and garden; suburb, seaside, or country: healthy district and dry climate essential; no heavy trade. Apply 45/1, Office of this Paper.

BUSINESS required; on coast preferred, but not essential if genuine; returns about £1,500; cash available. State the very fullest particulars first letter, in absolute confidence, to Mr. Ashley, 150 Woodhouse Street, Leeds.

CHEMIST'S Business or Drug Store wanted; neglected business not objected to if plenty of scope for increase; cash available; kindly give full particulars, which will be treated in strict confidence. 45/27, Office of this Paper.

DRUG STORE.—Wanted, in town or country, a Drug Store or neglected Pharmacy; any district, but Lancs or Yorks preferred; living accommodation an advantage; all letters answered and received in confidence. 46/330, Office of this Paper.

SITUATIONS OPEN.

RETAIL.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BIRMINGHAM.—Unqualified Assistant, familiar with costs, good at figures; permanent and progressive post; single preferred, but not essential. "S. L." (46/16), Office of this Paper.

BIRMINGHAM.—Young lady Assistant required; position would suit one who has had either Wholesale or Retail experience. Write, stating age, salary required, and when at liberty, "H. L." (46/160), Office of this Paper.

CENTRAL LONDON.—Qualified Assistant, about 30; outdoors; smart, gentlemanly, reliable, industrious, and good Salesman; recommended; varied experience London and provinces; no N.H.I.; full day off every other week; 2½ hours duty alternate Sundays and Bank Holidays. Complete particulars to "Bloomsbury" (P.C.B. 71/15), Office of this Paper.

COVENTRY.—Gentlemanly Assistant required for best-class Family and Retail Business; must be accurate Dispenser and have good knowledge of Photography. Full particulars as to height, age, references (no copies), experience, and salary required, Chas. H. Welton, 60 Smithford Street, Coventry.

HULL.—Wanted, senior qualified Assistant (outdoors), permanent preferred, for high-class Retail and Dispensing business Please reply, giving full particulars, age, reference, and salary required, to S T. Kirton, 35 Louis Street, Hull.

LANCASHIRE.—Qualified Assistant (single) for Light Retail and N.H.I. Dispensing business; permanency, with good prospects. Apply "B." (44/33), Office of this Paper.

LONDON, N.W.—Wanted, Assistant; outdoors; experienced Dispenser. Apply, stating salary required, etc, to "Menthol" (46/27), Office of this Paper.

LONDON, S.E.—Assistant (gentleman); good Dispenser; knowledge of Photography; age about 24; outdoors; reliable and energetic; state experience and salary required, or apply personally. R. Banbury, Chemist, 390 Walworth Road, S.E.

LONDON, S.W.—Qualified Assistant, age 22 to 30, for Retail Counter; previous London experience preferred. Apply, giving full particulars of previous experience, age, and height, to Wilcox, Jozeau & Co., 49 Haymarket.

LONDON, S.W.—Wanted, for middle of April, capable energetic Male Assistant (outdoors); age about 25; must be an accurate Dispenser and experienced Salesman; knowledge of Photography an advantage. Also Junior or Improver (male); ample opportunity for obtaining thorough knowledge of Chemist's business. Apply personally or by letter, stating experience and salary required, to W. J. Boyes, 61 Balham Hill, S.W. 12.

LONDON, W.—Qualified Manager required immediately for Light Retail and Dispensing (N.H.I.) business; permanency, with liberal interest in the profits offered to the right man; state whether married, and give full details of experience. Apply "X." (44/330), Office of this Paper.

LONDON, W.—Qualified Assistant (gentleman), with good experience as Junior Dispenser. Apply, giving full particulars, salary, etc., P.C.B 71/34, Office of this Paper.

MANCHESTER.—Wanted (immediately), a good capable Assistant, with knowledge of Photography; easy hours; half-holiday and no Sunday duty. Give full particulars, Harding & Co., Chemists, 632 Stockport Road, Manchester.

A WELL-KNOWN provincial firm need the services of an active business Salesman with push and reliability; good references, address; clerical experience indispensable; opportunity for young man willing to prove his capability. Send full particulars of experience, references, and own requirements, with photo, to "Spero" (43/36), Office of this Paper.

A YOUNG, keen, Scotch qualified Assistant wanted for London district; industrial business, with considerable N.H.I. Dispensing; proof of ability and keenness must be given in first communication; progressive salary. Apply 45/21, Office of this Paper.

ASSISTANT Dispenser (lady) required for Canadian Hospital; monthly salary £16; live out; fare paid and deducted. Apply by letter, stating qualifications and experience, to P.C.B. 71/11, Office of this Paper.

ASSISTANT (25-35), single, chiefly for Dispensing and Counter; Photographic knowledge essential; must be quick, neat, accurate, and of gentlemanly appearance; used to a good-class business; reliable references necessary. State full particulars of previous experience and salary expected (outdoors), Chater, Chemists, Watford.

AT ONCE.—Unqualified Assistant (gentleman) for Counter, Stock, and Photography; good reference essential; active and business-like; if writing, send photo (to be returned), with full particulars of experience and salary required. Ullett, Chemist, 198 Rye Lane, Peckham, S.E.

BRANCH Manager; competent and experienced man of good address and irreproachable character for a good-class Retail and Dispensing business; permanency and progressive position to suitable applicant; unfurnished house; personal interview necessary. Apply, giving details of previous experience, age, height, salary required, and when at liberty, to D. T. Evans, Farningham Lodge, Margate.

DISPENSER, experienced and reliable, required for busy Surgery in East End; mornings 9.30 to 12, evenings 5.30 to 8.30. Reply, stating qualifications, experience, and salary required, to 46/2, Office of this Paper.

IMMEDIATELY.—Unqualified Assistant (male); quick Dispenser, knowledge of Photography; good appearance and address; full particulars, stating salary expected, etc. C. J. Roe, Chemist, Epsom.

IMPROVER or Junior (outdoors) required for good-class Country Retail and Dispensing; no Sunday or half-day duties; moderate hours. Apply, giving full particulars and salary required, to Buswell, Lutterworth.

JUNIOR Assistant required for Rushden, Northants. Apply Lands, Chemists, Coalville.

JUNIOR unqualified Assistant for Light Retail and Dispensing; must be quick and accurate; in reply, please give full particulars as to age, references, and experience, salary expected (outdoors). Bolshaw, Chemist, Hastings.

JUNIOR Assistant Wanted (at once). Apply, stating age, reference, and salary required (outdoors), D. Ellis, Chemist, Carrington, Nottingham.

JUNIOR Assistant or Improver required for good-class Dispensing and Photographic Business in North London. Applicants please state usual particulars and salary required (outdoors) to Matthews, 90 Aldermans Hill, Palmers Green, N. 13.

JUNIOR required, with good Retail and Dispensing experience, Full particulars to Thos. Carter, Boughton, Chester.

LADY Pharmacist required for Light Retail and Dispensing business; outdoors; state full particulars for permanency. J. E. French, Pharmacist and Optician, 128 High Street, Sittingbourne.

LEWIS WING LTD, Weston-super-Mare, require an unqualified Assistant (married), accustomed to good-class Retail and Dispensing business; must be good Dispenser and Salesman, also possess undeniable references; good house accommodation. Apply by letter, stating age, experience, and salary required, to Mr. Cooper, 86 Regent Street, Weston-super-Mare.

MANAGER required for Tooting Branch; age about 30 years; outdoors; salary and progressive commission; experience in working-class store business and knowledge of Photography essential. Apply Harrison, Chemist, East Sheen, S.W. 14.

MANAGER wanted for Drug Stores; unregistered; will be expected to take few £1 shares; permanency for suitable man, with excellent references. Davies & Co., 54 Park Lane, Leeds.

MANAGER, qualified (at once), used to up-to-date business, Counter and Dispensing, knowledge of Photography. Long, 190 Stamford Hill, N.

MANAGING Assistant wanted for good-class Dispensing, Retail, and Photographic Business, to live on the premises; must be a smart, thoroughly reliable, capable man, and accustomed to brisk trade; age about 30; married. Apply, with full particulars, stating salary required, and enclose photo, J. R. Faulkner & Co., 173 Ladbroke Grove, London, W. 10.

PART-TIME Assistant wanted, evenings, mostly Dispensing; also Junior or Improver, whole time. Apply J. B., c/o Colwill, 46 Lordship Lane, S.E. 22.

POST vacant, near Baker Street, for qualified lady Pharmacist as Abstractor and Laboratory Assistant; no Dispensing; Shorthand and Typing an advantage. If interested send full particulars, salary, etc., in own handwriting, to The Cedars, Sheen Lane, Mortlake, S.W. 14.

QUALIFIED Manager required immediately; applicant must be young, energetic, and reliable, with plenty of initiative; should have previous experience in management, and knowledge of London trade; residence in or near London will be necessary; highest references required. Apply, stating age, height, experience, and salary required, to "Celeritas" (30/380), Office of this Paper.

QUALIFIED Junior Assistant (male) for high-class West-End house. Apply in the first instance, with all particulars and photograph, to 45/600, Office of this Paper.

QUALIFIED Manager Wanted, about end of April, for a North Wales Pharmacy; rooms attached; Welsh speaking an advantage; references must bear strictest investigation; applications should contain fullest details. Salary, experience, etc., "North Wales" (46/37), Office of this Paper.

SMART Assistant for good-class family business; good Dispenser and Counterman; hours 8.45-7 p.m., Wednesdays 1 p.m., Saturdays 8 p.m.; occasional Sunday two hours. Full particulars Roberts & Co., Acton, W. 3.

SMART Junior wanted for Sales Counter in quick, up-to-date Pharmacy, South Coast; progressive salary to good Salesman. Reply, stating age and salary required, to 46/11, Office of this Paper.

THOMPSON & CAPPER, LTD., require a qualified Assistant for one of their Yorkshire branches. Apply, giving usual particulars, and enclosing photograph, which will be returned, to Thompson & Capper, Ltd., Manesty Buildings, College Lane, Liverpool.

UNQUALIFIED Assistant used to Oils, Paints, and Colours; would suit youth just out of apprenticeship; permanency with progressive salary. Apply "O." (44/331), Office of this Paper.

WANTED, Junior (gentleman), capable and trustworthy, for good-class Retail and Dispensing, country business. Kindly state age, experience, references, and salary required (indoors), D. Lewis, Pharmacist, Tisbury, Salisbury.

WANTED, qualified Assistant; applicant must be young, energetic, and reliable, and have practical knowledge of Photography; highest references necessary. Apply, stating height, age, experience, and salary required, to "C. S. O." (30/38P), Office of this Paper.

WANTED, qualified Manager, with Photographic knowledge, for better-class Manchester suburb; Optical knowledge an asset, but not essential; permanency for progressive, keen, and energetic man, with business ability; state full particulars and references in strict confiednce. Apply 46/21, Office of this Paper.

YOUNG Assistant, unqualified, must be reliable and energetic no half-day or Sunday duty, for good-class Store business near London; usual particulars and salary. Apply 44/23, Office of this Paper.

WHOLESALE.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

ACCURATE, alert, and energetic man, with a good knowledge of pure Chemicals, required in Fine Chemical business; knowledge of Chemistry desirable; £240 per annum, with prospects. Apply, with full particulars, to 45/5B, Office of this Paper.

ASSISTANT wanted, qualified, age 25 to 30, with London experience. Apply in first instance by letter marked "Assistant," to Wilcox, Jozeau & Co., 49 Haymarket, S.W. 1.

INVOICE Clerk required; must be good writer, quick and accurate at figures. Write, giving experience and salary required, to 15/39H, Office of this Paper.

MANAGER.

REQUIRED by leading firm of Manufacturing Chemists to supervise travelling and office staff; must be of good education and address, good correspondent, and have a thorough knowledge of modern propaganda and business methods; must be an enthusiastic salesman with organising experiences; preference will be given to qualified Chemist with knowledge of foreign languages. Apply 36/60, Office of this Paper.

MESSRS. J. MARGERISON & CO., Toilet Soap Makers, Preston, will be pleased to receive applications from Representatives already working the Chemist trade requiring further commission; applicants must be in a position to influence business in Toilet Soaps and Toilet Specialities; good commission paid. Apply, in confidence, as above.

QUALIFIED Representative (salaried, full time) required in Sheffield and district by leading Wholesale Drug House; must be experienced, have good local connection, and reside in the district. Apply, with full particulars, and stating age, to 3/33G, Office of this Paper.

REPRESENTATIVE.—Energetic man, of good address, required, to call on Medical Men, Hospitals, etc.; good opening for young man desirous of getting on. Middleton & Co., Ltd., Chemists, Middlesbrough.

REPRESENTATIVES wanted for Midlands, Wales, and West of England for the well-known Seniers' Cloth Ball; selling freely; good commission only. Alfred Senier & Co., 195 Seven Sisters Road, Finsbury Park, London, N. 4.

REPRESENTATIVES, with sound, live connections amongst Chemists, to carry upon commission basis Medicated Lozenges, etc. Write, in confidence, stating districts covered and lines now carried, to 41/2, Office of this Paper.

TEMPORARY engagement for a month; wanted, a gentleman used to the manufacture of Emulsions by power; must be good Analyst. Apply "W. G." (44/39), Office of this Paper.

THE Manufacturers of a well-known brand of Fly Catchers require a Representative for London and district, on a commission basis; must have good sound connections among Wholesale Druggists, etc. Apply to 46/80, Office of this Paper.

TRAVELLERS required to carry extensively advertised Toilet Preparations in various territories; applicants offering whole or part services are invited. State territory covered, terms required, and fullest particulars, in confidence, to "Eydolash," 3, Archway Road, Highgate, London, N.

WANTED, the services of a Technological Chemist, with the highest qualifications, for position of principal Chemist in charge of a Central Chemical Department for Research in connection with agriculture, foodstuffs, and industrial chemical manufactures; must be able not only to undertake researches capable of being utilised on a commercial scale, but also to undertake and supervise the analysis and testing of foodstuffs, chemical, and other articles of commerce; the position will be both consultative and executive, and applications, which will be treated in strict confidence, must be sent in not later than March 21st, stating age, salary required, and details of experience, addressed to the Secretary, Co-operative Wholesale Society, Limited, 1 Balloon Street, Manchester, endorsed "Chemist."

WANTED, smart Salesmen, with good connection amongst Chemists, to sell "Lustressa" (the last word in hair culture). Now regularly advertised. Weight of samples, 19 oz. Please state lines carried, usual commission, and itinerary to 36/62, Office of this Paper.

WANTED, Representative, calling on Chemists in Manchester and district, to sell, on commission, a well-advertised Patent Medicine; liberal terms to good man. Apply Pepco, Ltd., Fenton, Stoke-on-Trent.

WANTED, Representatives in every district with good connection among Wholesale and Retail Druggists and Hairdressers, to sell French Combs of every description on good commission basis. Apply P.C.B. 69/16, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign).

BRITISH POSSESSION.—Chemical Factory abroad.—Capable, experienced man required, to take charge; Tar Distillation, By-products, Disinfectants; must have thorough knowledge fractional distillation tar. Apply, with full particulars, in strict confidence, 36/63, Office of this Paper.

FAR EAST.—Gentleman, about 35, required shortly to represent established house for Drugs, Surgical Instruments, Dressings, Druggists' Sundries, etc.; qualified Chemist preferred, but not essential; previous Eastern experience desirable; excellent opening for right man. Apply, by letter, 7/21D, Office of this Paper.

INDIA.—Wanted, young Assistant; accustomed to good-class Retail, Dispensing, and Photographic business; four years' agreement; passage paid out and home; good references essential; salary Rs. 350, 375, 400, 425 per month. Applications, with full particulars, to E.H./B.S. (9/19E), Office of this Paper.

SOUTH AFRICA.—Chemist-Optician, qualified, with D.B.O.A. or S.M.C., for South Africa; must be unmarried, and have had first-class experience; preference given to one who has done some mechanical work; salary, under three years' agreement, £40 per month (outdoors); passage paid out. Apply by letter only to "L.," 14 Lafone Street, Tower Bridge, London, S.E. 1.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

A.A.A.—LOCUM, experienced, booking dates; take entire charge; highly recommended; terms moderate. "Pharmacist," c/o Goodall, Backhouse & Co., Wholesale Chemists, Leeds.

A.—AN unqualified Assistant (24); single; good all-round experience, including Photography; good references; permanent or Locum. Apply 45/37, Office of this Paper.

A CHEMIST and Dentist (both Registers); middle-aged; married, no family. "Chemicodent," 45 Richmond Road, Heamoor, S.O. Cornwall.

A QUALIFIED Dispenser-Bookkeeper desires re-engagement; ten years' experience. Address Miss Daniel, 79 London Road, Peterborough.

A £4 WEEK offer as qualified Manager or Assistant; 20 years' experience; permanency preferred. Davies, Ty Cwrdd, Llwynhendy, Llanelly.

ABSTAINER (30); single; Laboratory or Retail; Display expert, Photographic Salesman-Demonstrator. Stanley Cunningham, 66 Elstow Street, Liverpool.

ADVERTISER; 32; unqualified; 17 years' wide experience Dispensing, Counter, and Photographic; can manage. Scott, 66 Wellington Street, S.E. 18.

ADVERTISER, 22, requires situation; qualified; 6 years' experience Dispensing, Counter, Photography; disengaged. "C.," 2 St. Mary's Buildings, Bath.

AN up-to-date Managing Assistant and Buyer seeks post where best endeavours are appreciated; Photography, Optics, Dentistry, Prescribing, etc; 20 years' experience; highest references; permanency required; any district; unregistered. "Progress" (45/38), Office of this Paper.

ASSISTANT (47); unqualified; excellent experience and references in Retail trade. "S.," 16 Ombersley Road, Birmingham.

ASSISTANT; unqualified; 21; five years' experience; good references; Eastern Counties preferred. Taylor, 31 Berners Street, Ipswich.

ASSISTANT, Managing or Senior; experienced in every branch; unqualified; 33; permanency or Locum. "Dispenser," 10 Norfolk Road, Maidenhead.

ASSISTANT, unqualified (24), married; 4 years' experience as Dispenser and Assistant. M.L. 42289, Office of this Paper.

ASSISTANT, unqualified, 30, seeks berth; 14 years' experience; town or country; permanency. Black, 33 Chichester Road, Kilburn, N.W. 6.

ASSISTANT; 25; first-class Dispensing-business experience. Please state full particulars (North or Midlands preferred) to S. C. Haigh, 25 Stafford Parade, Halifax.

ASSISTANT, unqualified, 21, 5 years' experience, excellent Dispensing experience, seeks post; disengaged. "Chemicus," 2 St. Mary's Buildings, Bath.

ASSISTANT (unqualified); smart Salesman; 15 years' Stores experience Drugs, Perfumery, Sundries, Surgical, etc. "Salol," 37 Brunswick Road, N. 15.

ASSISTANT, capable, reliable; Dispensing and General Retail experience. Whitehead, 3 Bevan Street, Islington, N.

ASSISTANT, or temporary; qualified; middle-aged; good references; 12 years; moderate terms; disengaged. Burn, 4 Longfield Avenue, Romford.

ASSISTANT; unqualified; experienced, and accustomed to high-class Dispensing; at liberty after Easter for permanency or Locum. Apply 46/38, Office of this Paper.

BRANCH Manager or Assistant; qualified; 28; tall; 10 years' West-End and provincial experience; disengaged Easter; Locum or permanency. "Chemicus," 19 Milton Road, Hanwell.

CHEMIST'S son, Counter, Stock, N.H.I., Dispensing, requires permanency. "Aspirin," 39 Dulwich Road, Herne Hill, S.E.

CLERICAL.—Evening work of any kind; writing up accounts and posting up books; terms moderate. Write "F. G." (266/33), Office of this Paper.

COMPETENT Accountant open to audit or keep books of business firms; income-tax returns, etc., prepared; moderate fees. Write Box No. 71, c/o White's, 33 Fleet Street, E.C. 4.

DEMOBILISED Officer desires position as Chemist; 40; married; educated Manchester University; colloquial French and Welsh; knowledge company law and finance. Apply M.L. 97877, Office of this Paper.

DISENGAGED; qualified Chemist; 47; ex-Senior Non-Com. Officer R.A.M.C.; first-class references. "Chemicus," 94 Waterloo Road, S.E.

DISPENSER (lady), Hall, requires post with Doctor or Chemist, anywhere in the British Isles. Veitch, White Thorn, Todd's Green, Stevenage, Herts.

DISPENSER (27), married; 3 years' experience as Assistant. M.L. 75250, Office of this Paper.

DISPENSER (Hall), 10 years' experience, seeks situation, Doctor or Chemist. Miss Fryer, 87 Inverness Avenue, Westcliff-on-Sea.

DISPENSER or Locum; West-End experience; middle-aged; disengaged. "Dispenser," 94 Canterbury Road, West Kilburn, N.W. 6.

DISPENSER, qualified (lady), seeks post; excellent experience with Doctors and Chemist; absolutely reliable Bookkeeper and Dispenser; held present position of trust 4 years; Yorkshire, Lancashire, Cumberland, or Westmoreland. Apply 47/2, Office of this Paper.

ENERGETIC Pharmacist, with selling ideas, seeks a progressive position with prospects; married; good experience all departments; highest references; possibly near Lond H. L.," Fernleigh, Fairfield Avenue, Leckhampton, Cheltenh

EXPERIENCED; part or whole time; Dispensing, Prescrib Counter, Bookkeeping, Stockkeeper, Dental. "Locum," Scott-Ellis Gardens, N.W. 8.

EXPERIENCED Locum Tenens, qualified, disengaged; 53. W Beach, 19 Kensington Gardens Square, W. 'Phone: P 1928.

EXPERIENCED Salesman; 33 years; 6 ft.; married; Dispensi Photo; unregistered; permanent or Locum. Dens, 1 Colonnade, Hawkhurst.

EX-SERVICE man desires position as Assistant in Pharma Dispenser or Representative; 30; single; six years' exp ence; willing to go abroad. Apply M.L. 1311/21, Office of t Paper.

EX-SERVICE Pharmacist; 29; married; served four yea apprenticeship. Apply M.L. 26885, Office of this Paper.

IMPROVER requires situation; three years' experience; E London preferred. Nichols, 63 Lucas Avenue, Upton Park

JUNIOR; unqualified; 21; 3½ years' experience; moderate sala Dispensing, knowledge of Photographic trade; active, en getic. Williams, "Tylagias," Resolven, near Neath.

JUNIOR Assistant, accustomed to Retail, Dispensing, Pho graphics, Stock, and Wines; Liverpool or North Wales p ferred, not essential. Miss Hollingworth, 101 Lord Street, H desdon, Herts.

JUNIOR (19); reliable Dispenser, Counterman, and Wind dresser; well recommended. Wood, Laburnum Gardens, K S.W.

JUNIOR, with four years' experience, requires position in g Dispensing Business in City or West End, prior to enter College in October. Apply E. H. Vincent, "Cleveland," Maidst Road, Chatham.

LADY Assistant, unqualified, desires position in high-class Ph macy in or round London; 4½ years' experience Photograp Counter, and Stock; disengaged. Apply 45/39, Office of t Paper.

LADY Dispenser (Hall), four years' experience, excellent te monials, desires post; Chemist, Doctor, or Institution. 6 Park Hill, Ealing.

LADY Dispenser, three years' practical experience, requ situation with Chemist, Doctor, or Institution; London South of England preferred; highly recommended by emplo Apply F. Kenchington, Hawkhurst, Kent.

LADY, Pharmaceutical Chemist, six years' experience in C desires a post with Doctor, Chemist, or Hospital; Lon preferred; excellent testimonials. Apply 37/12, Office of Paper.

LANCASHIRE, Cheshire, N. Wales.—Qualified (28) Assistant Branch Manager; good experience; excellent references; f competent; interview requested. "Efficient" (46/19), Office this Paper.

LOCUM; 26; qualified; booking any time this season; excel experience; town or country; resident in Midlands; intervi arranged. Apply 44/34, Office of this Paper.

LOCUM.—Vacancies March 22nd to April 5th, May 21st end June (except Conference week); Photography; r ences. Dunning, Ventnor.

LOCUM; 30 years; wide experience; qualified; booking forw Easter, April, May onwards. M. Smith, c/o Bell & Co., York Road, Waterloo, S.E. 1., or 6 Durban Road, Smethw Birmingham.

LOCUM; qualified; experienced; middle-aged; abstainer; engaged; references; preferably London. Apply 39 Office of this Paper.

LOCUM or temporary situation required; qualified; 24; till end of May; references; state terms. "M.P.S.," Esher Street, Middlesbrough.

LOCUM or Permanency.—Pharmacist-Optician seeks post Manager; highest references of long engagements; cap all-round man, used to complete control. Apply 45/31, of this Paper.

OCUM; country; 53; energetic; moderate terms; qualified; first-class references and experience; disengaged March 22nd; ios, Photography. Dewey, 4 Montague Gardens, Wallington.

OCUM, relief, or permanency; up-to-date, reliable, competent man; exceptional references. "Pharmacist," 57 Brown ad, Walthamstow, Essex.

OCUM or permanency required by Pharmacist (28), tall, first-class references; Retail or Hospital. Pickering, Brickkilns, unt Road, Oswestry.

L.P.S. (lady) desires part- or whole-time post; Bristol district. Apply "G. I. T.," Tabor Villa, Lodge Road, gswood, Bristol.

L.P.S., GOOD; Branch Manager; Photo, Dispensing, Counter, Window-dresser; permanency; near Liver- l. "Salesman" (46/6), Office of this Paper.

ANAGER or Locum; qualified; 45; first-class experiences as Buyer, Window-dresser, Dispensing, and Counter; last posi- 14 years Manager; interview welcomed. "J.," 76 Alexandra ad, Edgbaston, Birmingham.

ANAGER or Senior, age 45, requires permanent responsible position; best references and experience; reliable; of good lress; Devonshire or South Coast preferred; at liberty on k's notice. Apply 41/37, Office of this Paper.

ANAGER; six years present position, and over 20 years' experience; disengaged shortly. Briggs, 85 Tachbrook d, Leamington Spa.

ANAGER; 36; qualified; married; abstainer; London and country experience; reliable; live on premises preferred; ngaged soon. "C. E. B.," o/o Cobden, 50 Buckleigh Road, atham Common, S.W. 16.

ANAGER or Locum; qualified; disengaged April 14th; recommended with confidence by present employer. "Chemist," Thornton Avenue, Chiswick, W. 4.

ANAGER or otherwise; references the best; disengaged. "A.," 49 Oxford Road, Ealing, W.

ANAGER, Senior, Locum (49); Major; good experience and references; Counter and Dispensing; disengaged. Anthony, Marylebone Road, N.W. 1.

ANAGER, or otherwise; disengaged; single; qualified; large all-round experience, including Dental; moderate salary. pens," 35 Hatcham Park Road, S.E. 14.

ANAGERIAL, Administrative, Organising, or Travelling; gentleman, 28; good appearance; unqualified; 14 years' ex- ce Retail, Wholesale, Export, Office. Luck, 22 Ilchester Seacombe, Cheshire.

RMANENCY desired by up-to-date Pharmacist where personality and service is required; 20 years' experience; 10 qualified; Optical experience; Preston district preferred; eferences. Apply 44/32, Office of this Paper.

ARMACEUTICAL Chemist (30), with best West-End and country experience, good appearance and address, and a igh knowledge of business, desires position as Manager, where uality, organising and business ability is essential and re- ation adequate. Full particulars, 46/9, Office of this Paper.

RMACIST, fully qualified, seeks good management; experi- nced all round; abstainer; highest references. P.C.B. 71/26, of this Paper.

T in high-class Dispensary business, qualified; ex-Service; 3; served four years' apprenticeship; also experience as ser. Apply M.L. 7594, Office of this Paper.

LIFIED lady Dispenser seeks post; Chemist, Doctor, or nstitution; Bournemouth district. Apply 43/39, Office of aper.

LIFIED lady Chemist (27), disengaged, eight-years' ex- erience, desires situation in London, N.W. or W. preferred; te salary. Apply 43/19, Office of this Paper.

LIFIED Lady Chemist, first-class City experience Dispens- g and Front Counter, seeks position with Doctor or Chemist. Office of this Paper.

LIFIED (25), single, disengaged Easter, desires post, season otherwise; first-class Dispensing, Counter, and Photo- experience; capable. Apply 46/39, Office of this Paper.

QUALIFIED (lady), requires post, Branch Manager; capable, reliable; good all-round experience; references; South England or Wales preferred. Apply 45/36, Office of this Paper.

QUALIFIED Chemist, 15 years' experience, requires post as Manager or Assistant. Snowden, Fairlawn, Manor Lane, Sutton, Surrey.

QUICK, active Counterman, 32, seeks post with good Store or Chemist; Photography, Window-dressing, Stockkeeping, Clerical; 14 years in last situation. Apply 45/35, Office of this Paper.

RELIABLE Locum or Manager; qualified; elderly; disengaged. Apply J. Allen, 17 Prince's Road, Wimbledon, S.W. 19.

SMART experienced Pharmacist Manager requires permanency in town or country; up-to-date in modern business methods; disengaged; married. Usual particulars to "Minor," 26 Fox Hill, S.E. 19.

SMART Youth (17) requires position as Chemist's Assistant; 18 months' Shop experience; reliable Stockkeeper; good references; preferably near Enfield district. R. Madle, 30 Forest Road, Enfield Wash.

THOROUGHLY good experienced Manager, Assistant; disengaged; unregistered. "Chemicus," 27 Portsmouth Street, C.O.M., Manchester.

TYPIST and Dispenser.—Qualified (Hall), lady, five years' experience, requires post in London. Apply A. Hoard, 156 Elgin Avenue, W. 9.

UNQUALIFIED Assistant (40); married; West-End experience; fully competent; quick and accurate Dispenser; disengaged; Locum or permanency. Mr. Tucker, 11 Bungalow Road, South Norwood, S.E.

UNQUALIFIED, 30, desires post as Manager of Drug Store, with view to early succession. Apply 46/33, Office of this Paper.

YOUNG lady (19) requires position as Junior Assistant; 4 years' experience Counter, Dispensing, Window-dressing; passed Prelim. "Lamorna," Great Shelford.

YOUNG Lady (18) requires position in Pharmacy, within five miles radius of Bromley (Kent), as Junior or Improver; good appearance; wages commencing 20s. per week. Richards, Plaistow Lane, Bromley, Kent.

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ADVERTISER, with long and excellent references from well-known Proprietary house, seeks the representation of a first-class house; successful Salesman, with great experience in propaganda work. Address 46/20, Office of this Paper.

AS Correspondent, Departmental Manager, with good Wholesale or Proprietary house; 20 years' trade experience. Adams, 10 Norfolk Road, Maidenhead.

AS Sales Manager or Buyer in Chemical trade; 37; single; 14 years' experience as Junior to Departmental Manager; one year as Buyer and Salesman to Chemical Merchants; also two years' experience as Manager of Chemical Department for general merchants. Apply M.L. 2915/21, Office of this Paper.

FULL Management, Foreign Representative, or position of responsibility required, where personality, organising, and business-building ability, combined with a thorough knowledge Therapeutics and a high-class general experience is essential and will receive an adequate remuneration; new formulæ successfully produced and turnover trebled; highest qualifications and references; North Country preferred if home appointment. Full particulars to 46/13, Office of this Paper.

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6

GENTLEMAN (27), energetic, best Retail and Wholesale experience, French, Italian, German, fair English, requires situation. Apply 45/24, Office of this Paper.

JUNIOR Assistant (19) requires position in Laboratory of a Manufacturing Chemist; served three years' apprenticeship; passed preliminary examination. Write W. Bassil, 269 Oxford Road, Reading.

LIVE Representative (28), tall, good address and education, ex-Air Force Captain, desires permanent representation of substantial house; Yorkshire or Lincolnshire, or both; any reference given. Reply E. H. Russell, 12 Village Road, Hull.

MAN, with good all-round knowledge of the trade, seeks situation (Laboratory preferred); 24 years' practical experience; able to take charge. Reply "F. C. J.," 69 Luton Road, Walthamstow, London, E. 17.

ORGANISING, Administrative, Travelling, or Managerial.—Ex-Service; Major; qualified; 49; 25 years in business as Pharmacist on own account; fluent Italian, slight French; considerable administrative experience in Army as O.C. Medical Stores in France and Italy. Apply M.L. 98597, Office of this Paper.

REPRESENTATION of good house desired by advertiser, possessing large *clientèle* (Chemists and Stores); enterprising house essential. "Mersey" (46/31), Office of this Paper.

REPRESENTATIVE, with sound connection among Chemists in London and district, desires re-engagement; highest references. Apply P.C.B. 71/9, Office of this Paper.

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TRAVELLER or Bookkeeper; 26; six years' experience with Chemists; qualified Bookkeeper. Apply M.L. 73169, Office of this Paper.

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